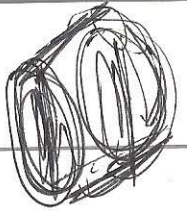


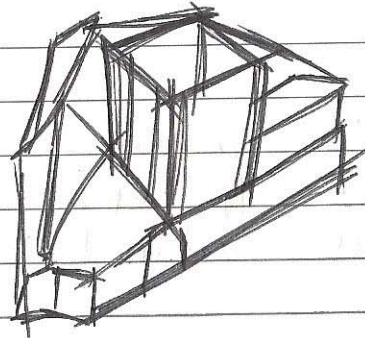
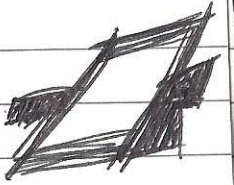


**A'ZONE DESIGN**



Met Dekil 1st Meeting

- GETTING PETER EFFECTS.
- MEETING EVERYONE.



Yean Chang Yip

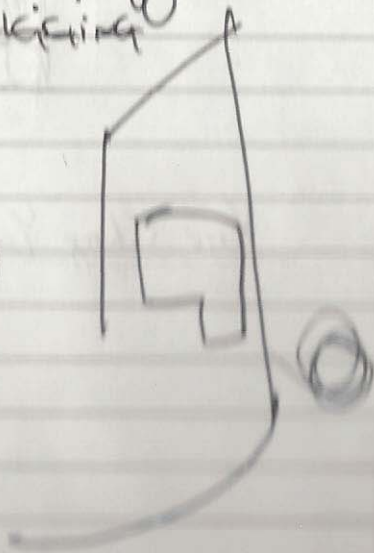
- Citibank -

- Bepok - SMRT station

Nokia phone

2:30 Screening of Core Wars  
4:00 Next Gen Topology  
4:30 Lucidfilm Recording

Shih Ming Tzy



- Ask about controls on left side  
- Strategy + setup

- Ask about control setup on pems - xst  
on RAM and switches

~~Fix the list~~

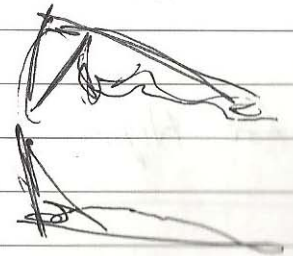
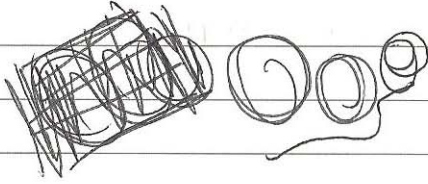
Strategy for Alps

- Joe Joe basic setup

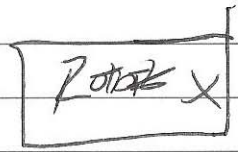
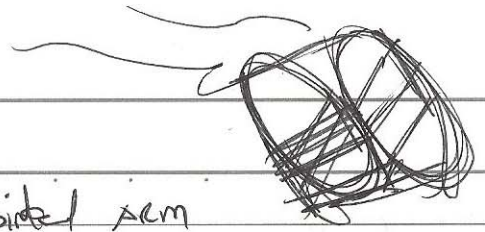
- Joe Joe front panel

- Ask about offset of Translate/Rotate 0  
for Joe Joe

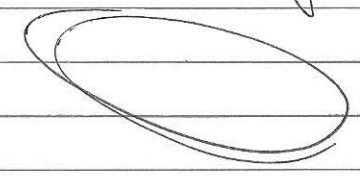
- check a hair step and follow contours for making  
long & pot

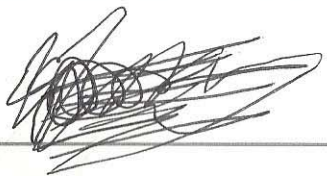


Double joint xcm



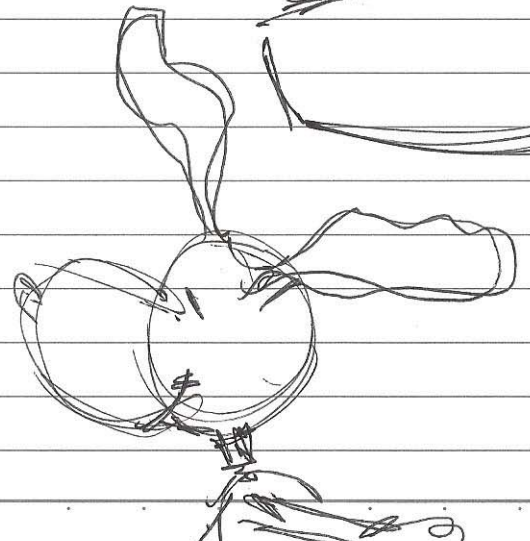
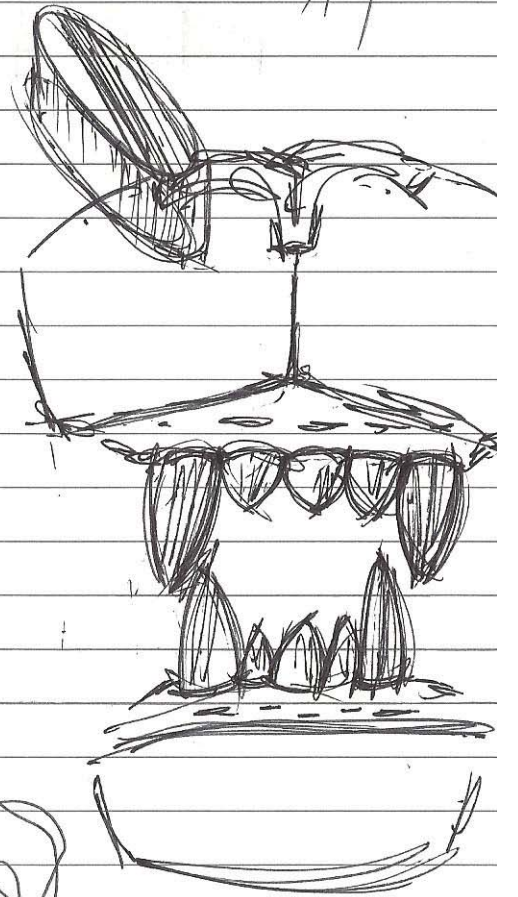
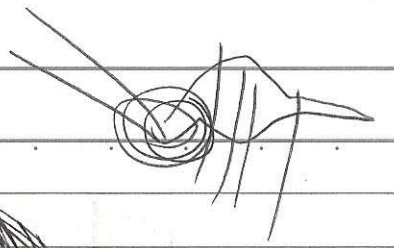
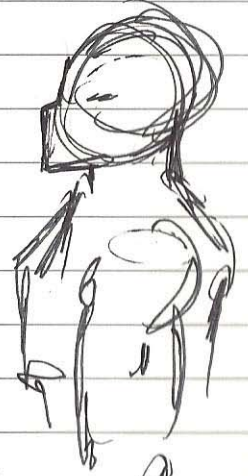
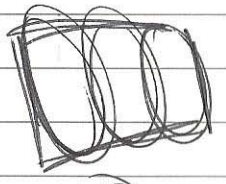
twist 1 x twist 2 x

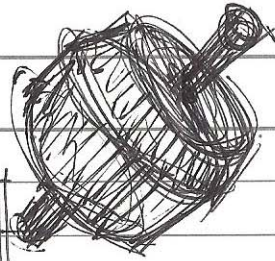
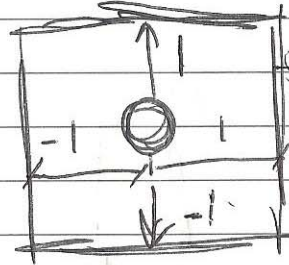
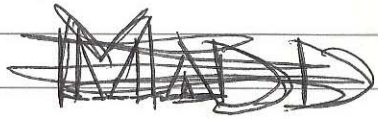




- Sphere
- Location - collision object w/ body
- Grasp
- Control handle

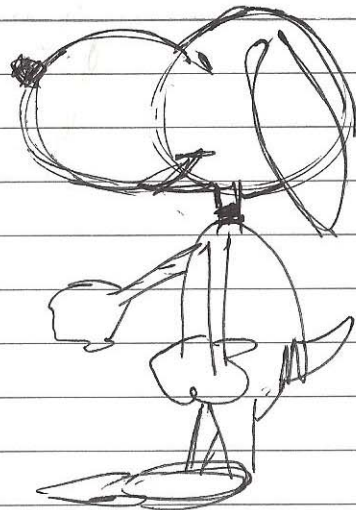
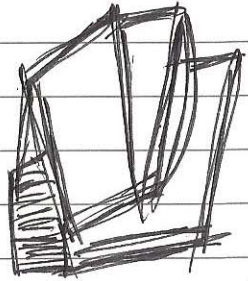
cluster - dynamic  
- rigid body

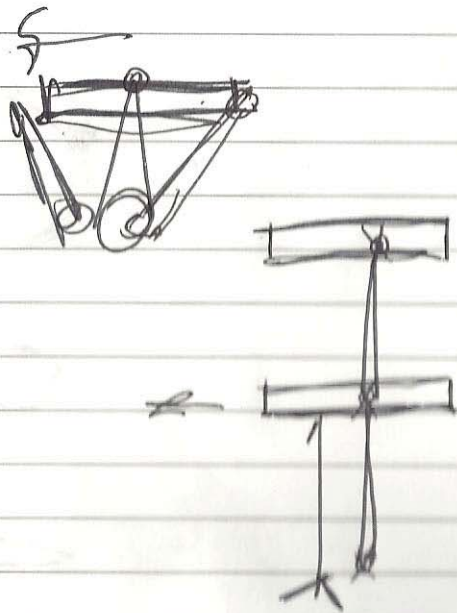
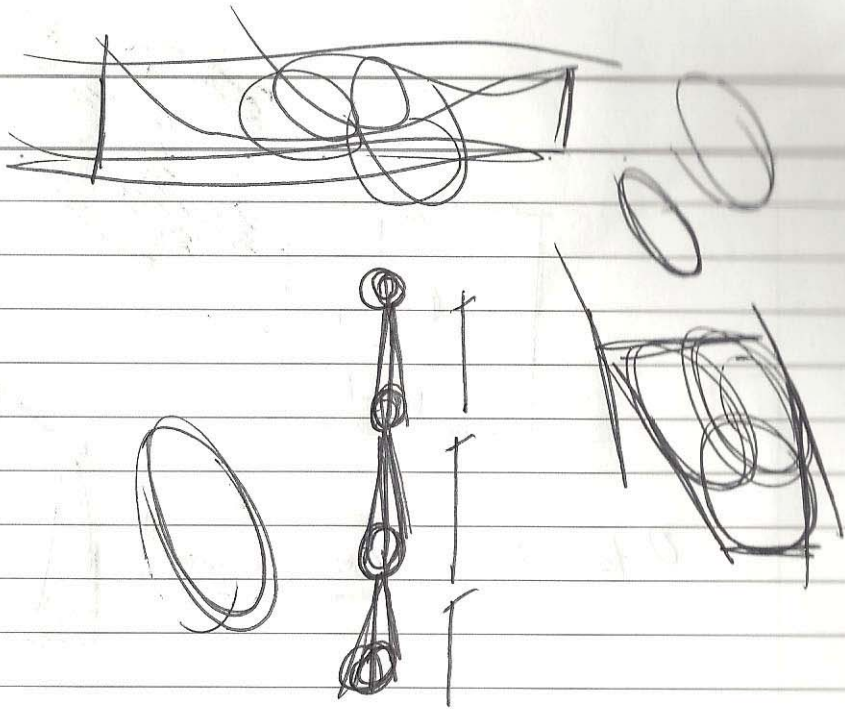




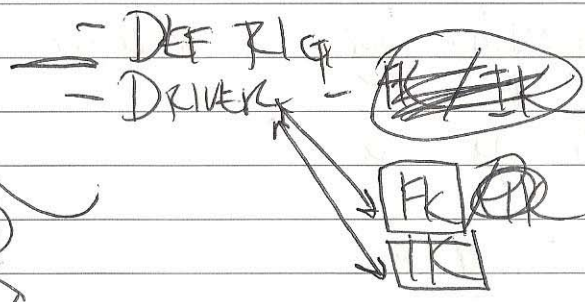
0 to -1

Get Range





- Breathing Layer on skeletal
- muscle joints on chest
- Hamstring flex
- KNEE FLEX
- COLF BUCKLE
- Achilles heel
- Elbow flex (tennis)
- Forearm flex
- muscle tendon flexing w/ joints
- Scapula flex



DEF RIG  
DRIVEN (CAP)  
ANIM / FK  
IK

DumHips → core/Hips → parent constraint

~~ARM TWIST~~

~~L = .8, -.6~~  
~~R = .8, -.6~~

Followarm Twist

L	= .8	-.3
R	= .8	-.3

LEG TWIST

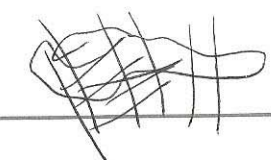
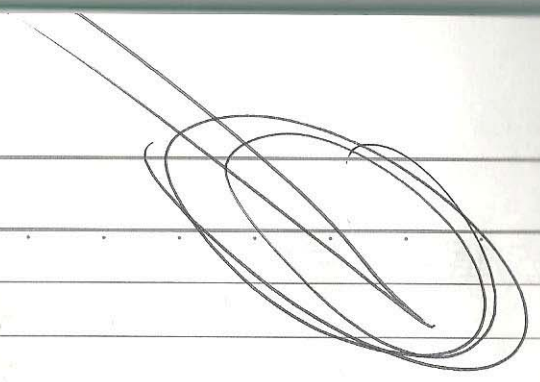
L -1  
R -1

HANDSTRONG

L - rotate, scale up  
R - rotate, scale up

COFF SCALE

L - scale out  
R - scale out



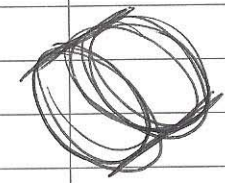
Left object Rotation 2

Right object Rotation -1

Rotate calf = -15 rotate 2  
                  .7 scale X

HEAD+

Root, SPINE, Left leg control,  
Left Foot control



- ARM control
- pole vector
- Finger controls

- ARM CONTROL
- FK/IK BLEND
  - FINGER SPREAD
  - FIST
  - POLE VECTOR CONSTRAINT

WRIST ROTATE

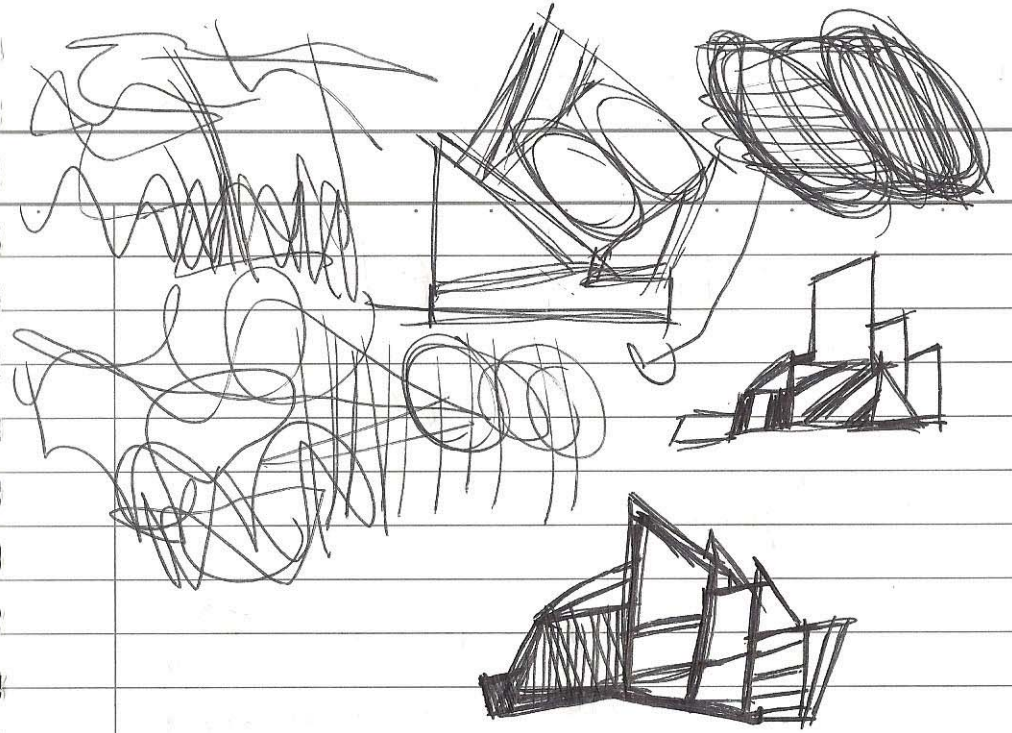


~~GRAP~~

- ~~GRAP~~ @ - Grap - bind to parent
- Grap - SDK
- Finger Control -

- HEAD -

AIM ROTATE



Rotate Arm 0-120  
 ELBOW ROTATE OUT  
 AND SIDE

ROTATE Arm 0-120  
 FOREARM ROTATE up and out w/ scale

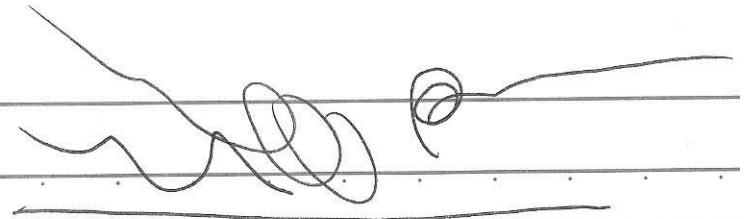
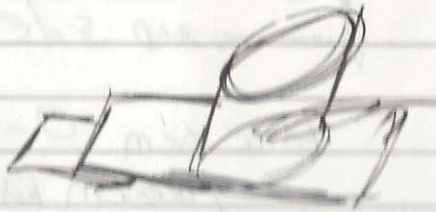
[ -120-150 - ]  
 [ -120-150 - ]

~~scribble~~  
-Kist -  $0 - 85$

50, 60

Finger Spread -

-20   -10   10   ~~20~~ 20  
INDEX   MIDDLE   RING   PINKY



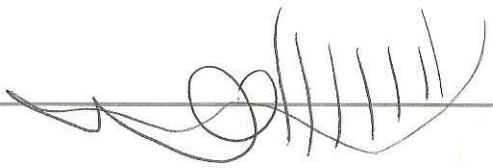
IK controls on FK setup

- ARMS

- legs

xyz   local xz

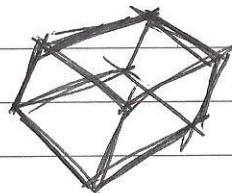
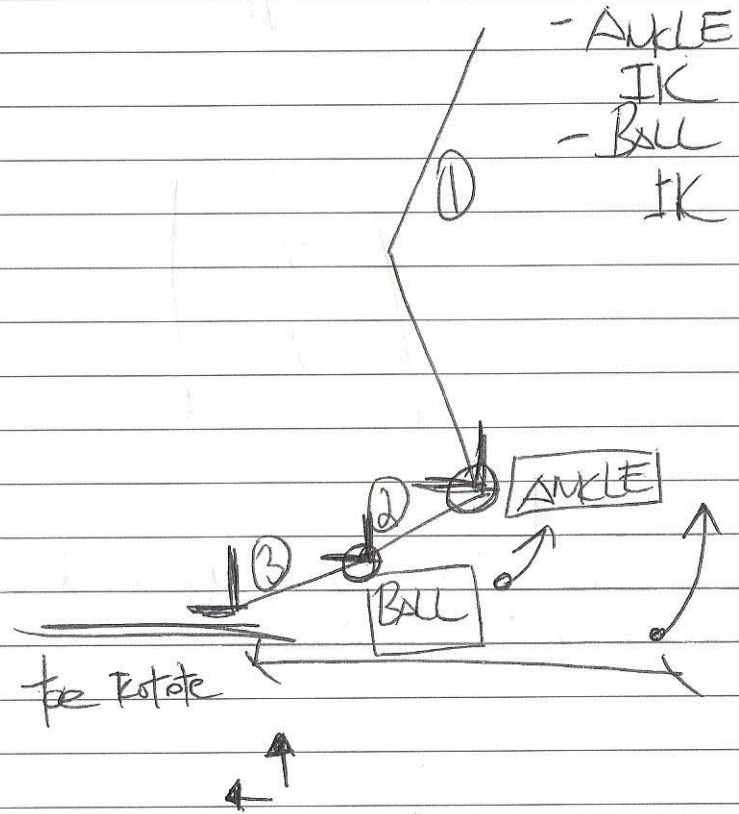
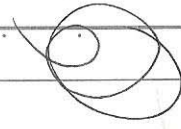
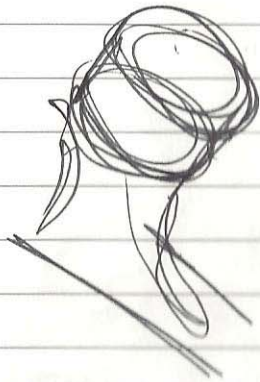
0, 0-1



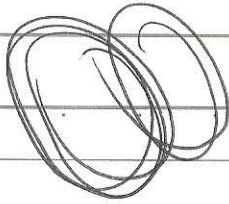
grasp → PC to wrist control  
pde vector

~~group~~ group  
- grasp - show group mode display handle  
- ~~group~~ - handle controlled by keyframing

- PV -  
- group switch -

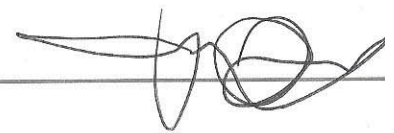


0 to -130



-15  
17

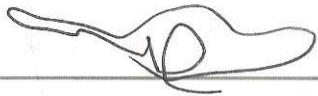
- Loc Point
- Loc Aim - Aim negative degree to →  
→ Rotate X



- HEAD AIM -

- LEG LOCATIONS FOR TWIST -

Aim Y



if  $y > 1$

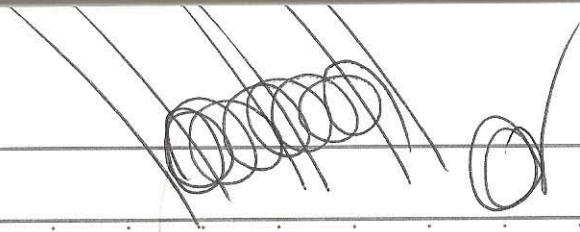
DIST

if  $DIST > y$ , then pole vector 1

⊕ else pole vector 0

if translate

0 to 60



Animation - left forearm

.8

.6

Animation Right forearm

x down

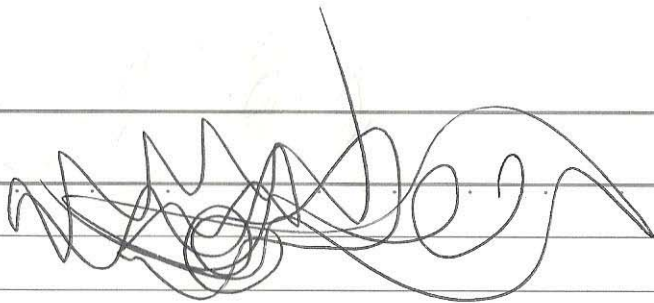


Wrist

~~Wrist~~ Hip swivel

Foot roll

Left arm FK



$$\begin{array}{r} 8.695 \\ -8.705 \\ \hline 6.036 \end{array}$$

-27,1632

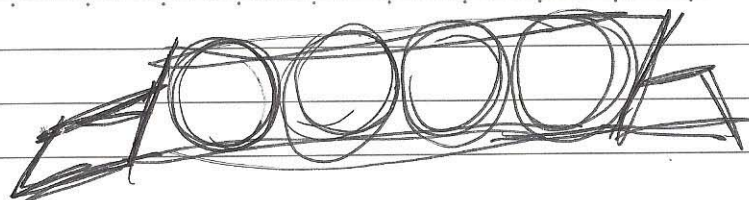
<sup>1.84</sup>  
-74,388

⊙ - REAR BUTTCKS Look ⊙

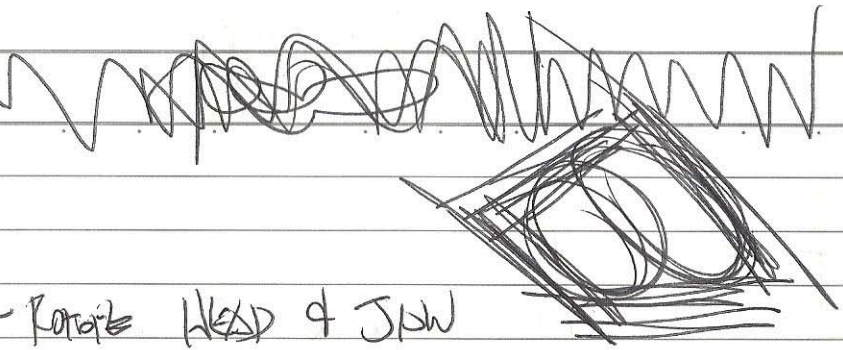
- FRONT GROIN AREA

$$\begin{array}{r} 1 \\ 360 \\ \underline{2} \\ 720 \end{array}$$

24.62



$$\begin{array}{r} 360 \\ \underline{3} \\ 1080 \end{array}$$

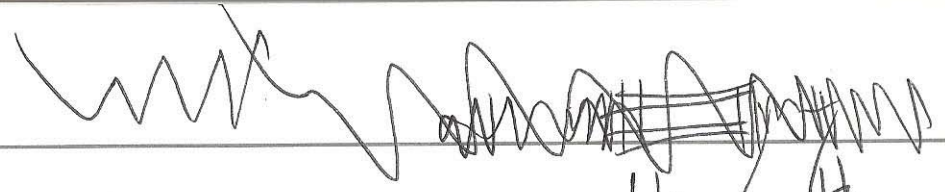


- Rotate HEAD & JAW

- Hip SWivel

- Root Mobs

- Root Controls



- Fully RIGGED character

- swimmer skeleton

- driver skeleton

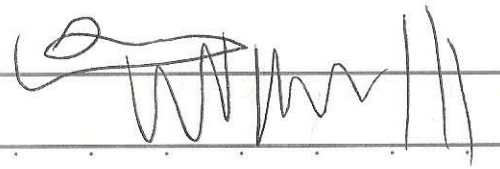
- DEFORMATION skeleton

- Impact driver and DEFORMATION skeleton into engine

- perhaps sculpt on body

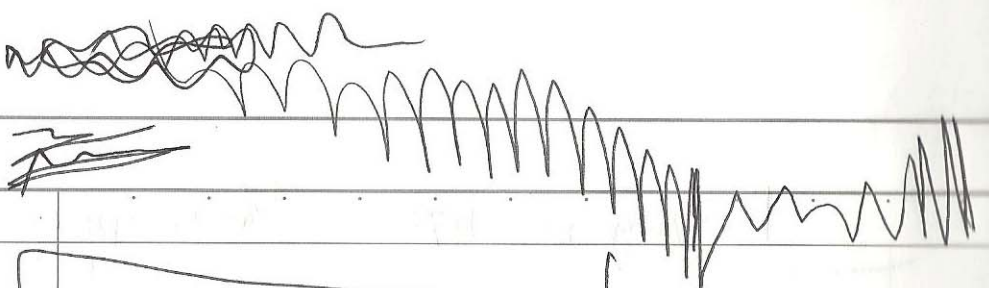
- 1 ~~arm~~ on each Arm

⊙  
2 total



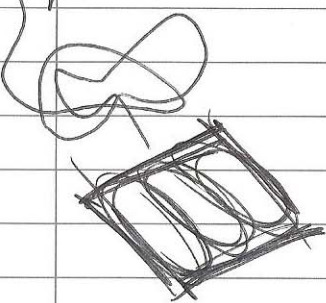
## Schedule

- Fully rigged character shapes and soul loaded into engine for tests
- corrective scripts added to mesh for build
- Animation tests of 1 character on scene w/ deformation tests
- constraint support system and compiling methods for build system in engine
- final map targeting system for game simulator and targeting capture

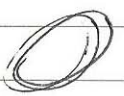
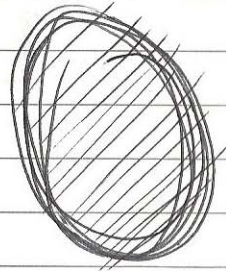
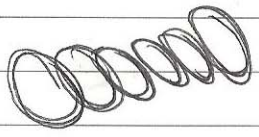


- target blend - goal -
- dynamic trail -
- bounding box
- collision object

Look @ later

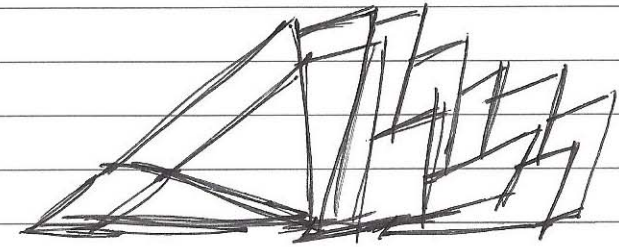


### 8:00 ###



## Analysis of Heap System

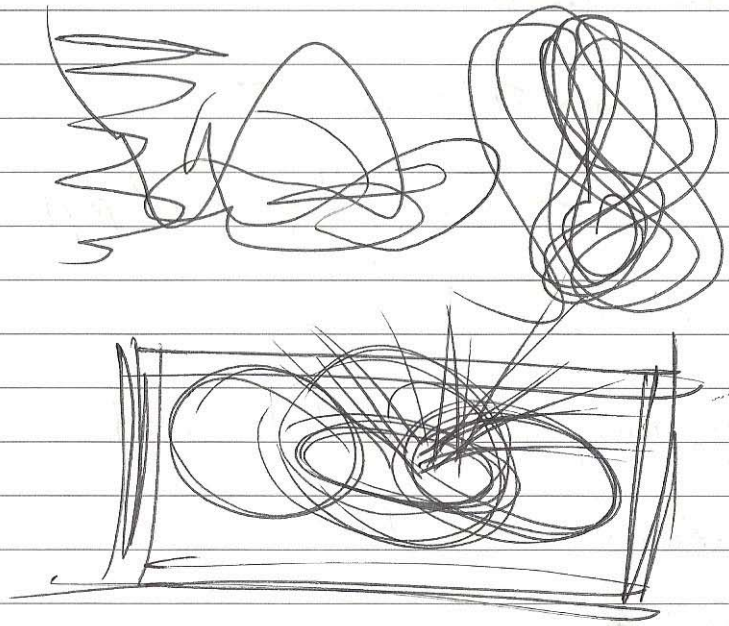
- look for better uses of capturing data
- performance capture of a facial system & optimization into game system



maya 6000

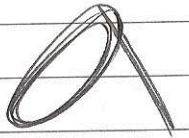
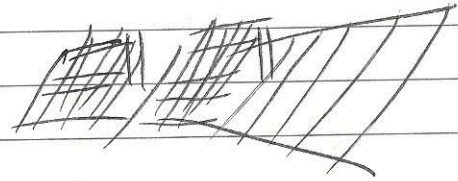
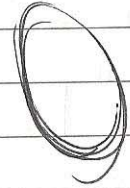
360 9982 3075

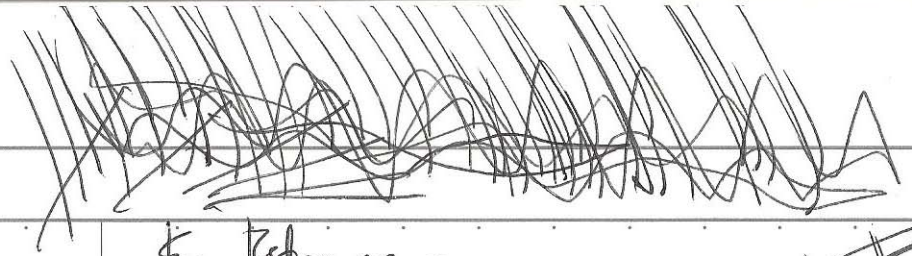
657 D1



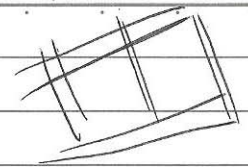
Meeting w/ Matt Wednesday

1 GB





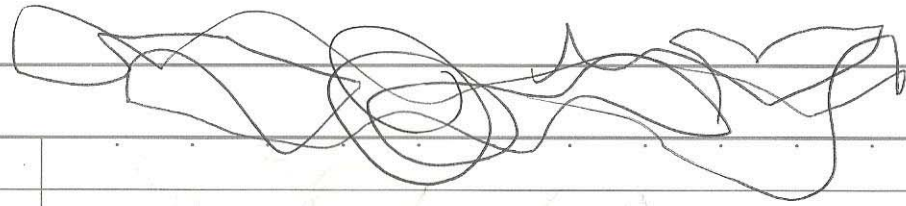
For Reference



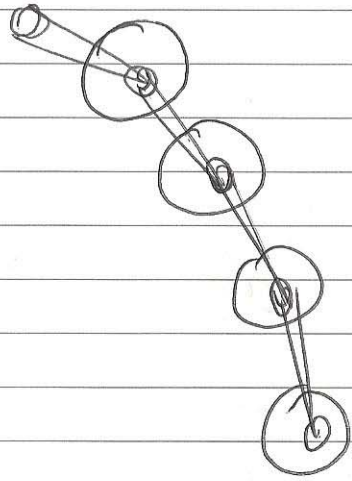
- 6 episodes of Star Wars -
- Simpsons - (for facial gestures of people)
- animated SW series
- any mocap reference from Lucasfilm SF
- (performance capture) book



- motion rigs of Quade Coped movement and ~~construction~~ construction from SF (3 person shooter)
- SW Games, Halo 3, ~~Godfather~~ Godfather Video Game 1, GTA 4, Call of Duty 4,



Meeting w Design Team



Biped ~~Human~~

child, Apprentice Boy, swarms Kato,  
Swarms Kato Hostage, Bail Organa, Bail Organa  
Hostage, battle Damaged Vader, Death Vader,

Demetri Kato, Emperor Palpatine, Emperor Royal  
Guard, Exiled Jedi, game, game Hostage,  
Imperial Officer, Jedi General, Juro Kelpiss,  
Juro Pilot, Juro Tactop, Kazdan,  
Mace Windu, man Mathma, man Mathma Hostage,  
Daiyu, Ozzi KStuen, player, player Act Two,  
player Cloud City, player Death Star, player  
Death Star Hub, player Empire, player  
Exiled Jedi Bonus, player Felucia  
Act 1, player Felucia Act 2, ~~player~~  
player Kashyyyk Act 2, player Ultimate Evil,  
player Ultimate Good, princess Leia,  
prato Rebel, shark Ti, Dark Felucian Storm  
River, Felucian Storm River, juro Eclipse,  
juro Pilot, juro Tactop, Mace Windu,  
man Mathma, princess Leia, shark Ti,  
gold guy, 526 KAR, smoking bail  
Organa, Death Maul,

Droids

R2D2 R2P3 R3Q5

~~R2D2~~ Rokus Droip Claw

charge Capacitor

Core Scout

Core Security

Imperial Interrogator

Loose Droid

Scrap ~~Droid~~ Drone

Scrap Sentinel

Rokus Droid K-type

mouse Droid

Droid Roller

Goat

jet - jetitor

Rokus Scrap Spider

tie Control Tower

- AD call

- Aero PT

- look @ features of cinematics and go from  
force

- look @ test cases & animatics

- look @ animation system of ray engine  
and KIG setup & characters in game

- look @

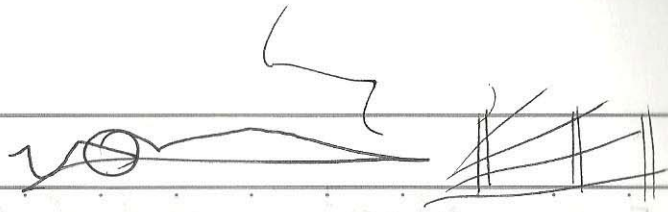
\* Categorize Character Files into Different  
Subcategories

=> Droids -

=> ~~the~~ Biped Human

- Creature -

- machinery -



|| |||| | |||

- Test Cases for Cinematics and Animation

- Cinematics

- Use assets from TV show for tests
- Consider FRAMES OR GAME ENGINE
- possibility of higher resolution players  
as lighting and testset

- Do we want to keep cinematics in the game engine OR do we want to run in an engine

Render movie of action sequence



## cloth simulation + character setup

character pipeline w/ cloth simulation + collision detection

possible breaking out of joints on cloth simulation

- use of joints targeting vertices broken out

## Cinematic Toolset

- ~~cinematic tool~~
- probably use film toolset + assets
- modeling solution for rigs

## Animation Toolset

- copy weights function
- some sort of auto rigging solution
- control setup solution for

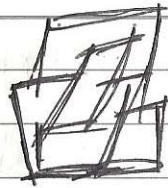
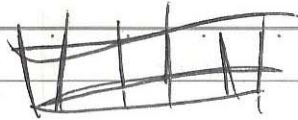
## Camera Movement

- Camera Movement in area for third person
- follow camera around person for navigation purposes
- switch between different views within space

= camera angles and multi-view plane

- allowing ~~the~~ vehicle and character manipulation

- ~~the~~ look @ lifting set-ups of everything



Arithmetic + Geometry

86,058 trees total  
107 lights

10 Hamilton Landings

Novato, CA 94949



Animation Tol SET

wadlaw, foks, cinematics

## Cinematics

- Think if we want main capture users be the acting performance in the sequence
- Think about the locked times being used and if we are ~~going to~~ how long the sequences are going to be
- ~~do~~ do we need to use updated environment models and textures for the pre-rendered scenes
- look @ possible ways for upgradeable rigs and such for cinematic quality -
  - look @ better simulation system quality for output.

Meeting of June

Tuesday @ 2:00 P

## ways to cooperate with JF

- contact ~~the~~ LAL as well as ILM AND get into their tools and production Pipeline
- find more points of reference within organization to find base with in order to find ~~the~~ more assets
- look @ the INDY files for the sake of setup as well as polygon and topology and Deformation
- begin to implement ways of ~~the~~ Deformation techniques

## PIPELINE TRAINING

- begin to talk to Nigel about more advanced setup for Pipeline, strategy and implementation

- go over Deformation Techniques and ~~the~~ Train how to setup topology properly

~~take~~

## To Do List

- Look into possible mechanics of locomotion and keyframing importing data into technology
- Cinematic Toolset - look into TV show assets and begin coordinating with SF to receive their assets for Unity as well as look @ their toolset for implementation
- look @ possible facial system setups to do for blending of facial targets as well as joint construction
- look @ the exploration of importing higher resolution models and textures into the engine

- look @ possible facilities we can accept in a camp ~~site~~ moose proximity
- look into more python and script things for new version of mygo
- begin to look @ possible pipeline implementation and setup of what we can do to make more efficient workflow per ~~project~~ title
- look @ possible ~~and~~ render farm times of produce cinematics for cutscenes
- meet @ with shane guy to go blended normals for next gen wrinkling and displacement
- look @ possible in game solutions for p based dynamics ~~and~~ solutions for cloth as well as possible hair solutions

ewebb/ostin  
ewebb misse / powder  
tuacet unmanued

Creatures

Blood Ripper  
giant slug  
giant snail

felucian River Beast

female Rancor

pinked Rancor Blue

"

Green

"

@ Purple

"

Yellow

snapped Rancor

giant slug

giant snail

giant grub

k2 - kobron

bull Rancor

sarbac Grabber

sarbac Tentacles

sarbac Tentacle Act 2

purple Tentacle

whiplizard

Drexel Collector, Drexel Fighter,

~~Drexel~~ drunk Koto, empereur Palpatine,  
exiled Jedi, gnam,  
Imperial Eto Trooper, ~~emp~~ imperial Guard,  
imperial Invevector, imperial Jump Trooper,  
imperial Officer, ivory-chef Isoche

Jedi General, meece Winda obi-wan,  
Ozill (Strom), qui Gon Jinn, ~~mees~~

Roxus Scream Cannon, Trooper Kashyyk,  
Trooper Sabo, Trooper Scart, Trooper Snow,  
Trooper Storm Carbine, Trooper Storm Classy,  
Trooper Storm Commander, Empereur Blue  
Guard, empereur Royal Guard, empereur Shoban  
Guard, Felucia Ripper, felucia Shampoo,  
felucia SubChief, felucia-Warrior,  
heavy Defender, Drexel Jawa, Jawa,  
ysnought Bar Petron, ysnought Bacterbee,  
ysnought Wookiee, beevie, gander,  
leChuck Zombi, Drexel Trooper, scream Guardian,  
wookiee Hero, wookiee Slave, wookiee Warrior,  
scream Defender, shock Trooper, wookiee Giant,

Peeps/Tols

crash Delais  
Juvia Cutter  
Koto Bottle  
light Saber Unbuilt  
prop Master  
row Moot  
Tols Conister  
Tols Complice  
Tols Lasec  
Tols Piliers  
Tols Power Unit  
Tols Padbe  
Tols Remote Control  
Tols Weard  
Tols Pieces  
ysnought Bottle A  
ysnought Bottle B  
loxa sou  
loxa torch  
Sardoc Spike  
Tols Insignia

- navigation = how will we explore the space of the environment and what type of space will this be

- ~~what~~ what type of approach do we want to take in regards to the design intent of the space which we see in

what do we want this to be?

~~what is~~ ~~the~~ ~~type~~ of

how is coordination going to take place between architects and other departments of Lucraft

## Technical Art Document



Animation

- main reference

= motion capture reference

- basis of locomotion - between different character types

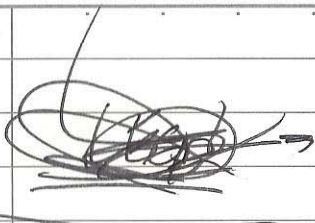
- quadruped motion

- vehicular motion

- ~~reference~~ looks @ basic human physiology as well as quadruped physiology

- study different types of reflexive processes being done of next gen assets

- looks @ different types of physiology and behaviors based on human behavior



Categories:

- motion:
- deformation:
- lighting:
- environment:
- playability:
- control:
- low factor:



Agenda Points

- proper facial capture and animation be done @ on characters
  - up resolution of facial performance bet cut scenes
- multiple rigs and animation based on the scenes within game
- how do we want to be portrayed (will it be on the wii) or just no sex titles
- how is communication going to be done between different teams help tasks
- ~~what~~ <sup>issues</sup> ~~is~~ ~~what~~ ~~issues~~ ~~of~~ ~~facial~~ ~~per~~ has one we going to increase communication between ourselves and san francisco

## Cinematic preposes

- GPD of low 2 Cinematics use lower poly ~~cinematics~~ in game models as well as higher resolution models for cinematic use
- low is pre-rendered cinematics used for ~~pre-rendered~~ game implementation for high resolution stuff

## Assosius Creep

- animation seems smooth, delay in reaction between corted movement and actual motion
- facial ~~rea~~ motion quite stiff
- motion blending seemed relatively smooth
- ~~though~~ facial performance stiff, and showing little or no emotion (weighting of jaw and lips look rigid bound)
- ~~environment~~ relatively easy to figure out in ~~see~~

|| ||

Producing -

- How to manage and handle teams and people
- How to coordinate between departments to get information to the types of things I need
- ~~Look~~ Look into evaluation of games being played for complete analysis

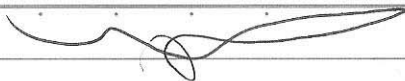
Film Assets

- Look @ higher end production quality work in order to determine what is needed
- collect and explore assets from both TV as well as film to look for things to use
- Look @ performances in other pro in order to see what types of motions and actions can be used
- Look more @ cinematography of how + see whereas they come into place in the game and see what types of mixes can be used on our film
- begin to look @ angles of shots and cinematography for proper performance
- ~~begin~~ to begin to look @ more some techniques such as motion and fire to

## Things to Look Into

- Locomotion and Animation Cycles
  - Make a Unired Engine
  - Look @ Rendering System and Setup
  - ~~python~~ python ~~and~~
  - WEIGHT BODIES AND FORM - motion styles  
THAT could BE APPLICABLE TO WHAT WE  
ARE DOING
-

testo-



## Coll of Dirty - synopsis

- Generally more capture of keyframe for environments difficult to imagine, things & hard to figure out, insight is difficult, deformation decent, facial performance needs work

## Goals of WPK

- Good sprinter system
- good camera work & movement
- think space
- coded easy to use & fun

## Sprockets 3

- good control & good moving camera
- character movement, transitions are smooth
- change of pose while playing
- Digt me 0 to right me

- Tols for authoring cinematics

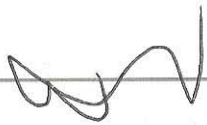
- Gamebryo authoring cinematic tools

Projects to look @ for reference

~~TV~~ ~~TV~~ ~~TV~~ TV - for facial performance and emotion we should look @

- Heavenly Swords (Facial Capture)
- Final Fantasy (Facial Animation)
- ~~TV~~ ~~TV~~ ~~TV~~ ~~TV~~ Fight Night Round 3
- ~~Tiger Woods~~ KONG (non linear blending between points on face for proper performance)
- ~~reference~~ ~~TV~~

- PERFORMANCE ON TV FOR GESTURES



~~Body topology~~

### Body Weighting Tool

- Transfer of skin weights from  $\Delta$  mesh to the next.
- This can take place in both object space and world space
- saves out files as an xml ~~and~~ and names according
- checks vertex weighting w/ an abundance of weights on a mesh and deletes the top vertex
- averages out the amount of vertex weighting in a mesh and displays them

### Note for Deformation and Center Rotation

- this is a quaternion based note needing to be supported in an engine that rotates joints based on poses in orientation and not in euler angles

~~Body topology~~

body ~~Body~~ topology  
~~3496~~ - 3496

- 16090, 12482, 4618  
= 23234, 88329

## Getting Familiar w/ Ted Act Document

4 conts = typical

④ Poly Cont -

## Research into other Companies

## Other Projects

## Motion Capture

## Animatronic Stylus & Physiology

## Comparing between Panda + Nat Gen

## Modeling & Topology

## What other Companies Process Is

## Looking @ Different Ways of Tracking Systems

## Creatures in <sup>SFH</sup> ~~Range of the SFH~~

- 62000 quadruped
- 9ft tall wookiee (physiology and motion of tall person)

## Vehicle Motion

- ~~###~~ ~~De~~-mechanical walking two legged machine
- ships ~~flown~~ ~~satellite~~ / flight

## human physiology

- Reference on locomotion

+ Complete Analysis between LucasArts Assets and ILM Assets in terms of setup and defocus

Average Poly Count = 4385

number of joints = (71)

number of controls =

- Texture System that allows animation path to move along while animation is moving

## ~~Environment Design Methodology~~

~~begin to train people in proper methodology~~

not sure the proper techniques we can use for  
anatomy, how should we update the rigs  
other deformation TECHNIQUES

not companies can we do research on  
see what they are doing

- look @ Blizzard Cinematics
- ~~EPIC~~ EPIC
- TD
- BUNGIE

- look @ several of the Production Hubs  
to see what we can do in order  
to get their proper information
- look @ several of films to look

- Be a good idea to get into the head of  
the content of the game that we see  
doing

---

Look @ FEATURE ANIMATIONS IN  
ORDER TO SEE WHAT SPECIFICALLY WE  
WANT TO BE DOING (RIGGING TECHNIQUES  
AND SO ON)

## Model Topology

- take into account the different assets that need to be used -
- what is base topology of the mesh (poly count)
- look @ different meshes in games in order to understand what the different counts are
- look @ crowd topology as well as other different forms of LOD's
- what are the proper mesh seams needed per topology in order to make things deform properly
- look @ ~~different~~ different types of stretch tests in order to make the proper decision

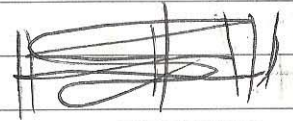
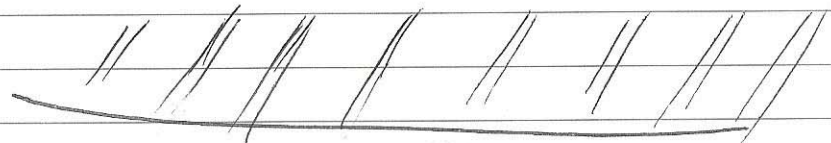
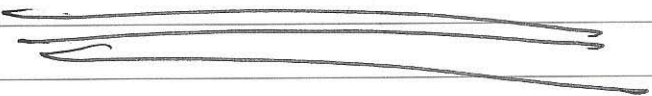
## Performance

if we are beginning to use m capture, what are the types of strain that we are wanting our people to use

## Tech Document for SHADERS

- what are the different shader types we can use for proper blending of textures based on different procedures
- procedurally, how can we drive the blending of normals for wrinkles

	<u>REFERENCE</u>	<u>CLIP</u>
<u>RUN</u>	RUN_REF	<del>L FOOT</del> L FOOT
<u>WALK</u>	WALK_REF	L FOOT
<u>IDLE</u>	IDLE_REF	L FOOT



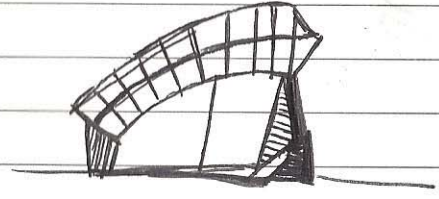
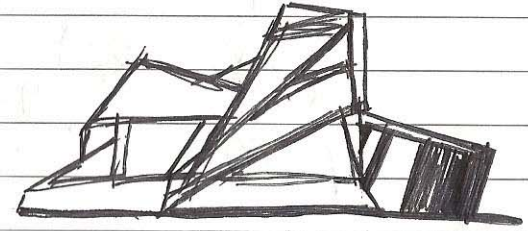
Training DVD's for Maya & Python

- Delete meshes in LOD's
- Delete extra meshes in animations
- Delete

[6037]

6328

KC 6209



Looking @ Stuff  
- Gamebryo Asset Viewer

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@

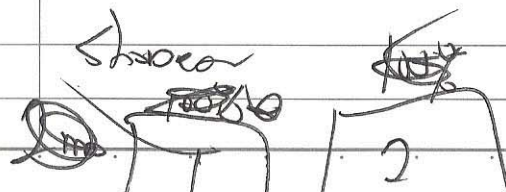
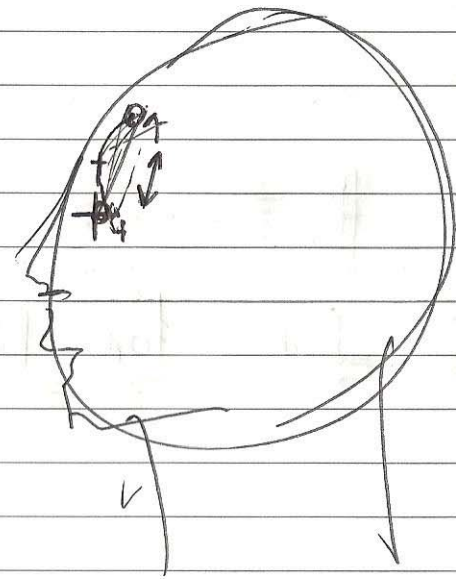
- TAD For Pipeline -

- Game Engine Being Used For Previsualization
- Look @ Shader Network system for SET
- look @ blended normal wrinkles as well as deforming bshape sculpts
- other titles to look @
  - look @ SITH ASSETS
  - look @

LOD 0 = 10-12  
LOD 1 = 5-6  
LOD 2 = 2-3

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Feluc



- winged creatures anatomy for flight

- joint structure and motion required for flight

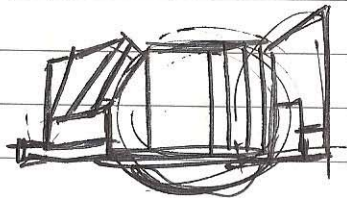
Shader Attributes and looking into Blended

~~Normals~~ Maps

- look into shader networks and blended ~~texture~~ maps and wrinkle maps

Review more animation information -

o - my Immense Shader



Simple  
Models  
ATE

~~22~~

## - Nodes from Moyn's Needs to be Supported

- Set Range
  - Distance
  - Aim Constraint
  - Locations
  - Multiply Divide
  - ~~4~~ - Average
  - CONDITION
  - Set Driven Key
- 

## Gambryo's Engine Evolution

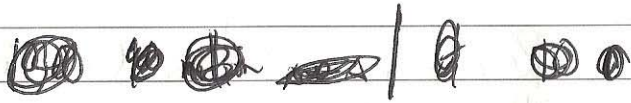
- Authentic Oriented
- 
- 
- 
- 
- 

~~There are no lots for authentic orientated in the INDEX~~

Evolution of Engine

[22] - no -

[23]



three DEFORMING RIGS to look @

- try to get ~~the~~ 5th rig for facial setup
- other muscle systems to look @
- look @ Nervia system for brain
- 

- other jiggle type of deformation to look into

- support of soft body dynamic system in ~~the~~ character

- non human physiology

~~the~~ - quadruped locomotion as REFERENCE

~~the~~ - begin to look @ test later in research and breakdown

Layers

- Animation Layer
- Driver Layer
- Deformation Layer

- control setups

- hands

- feet

- head

- spine

- Root Node

~~part of~~ of factors setup in hierarchy

~~part of~~ of DEFORMATION SKELETON ~~is~~ BALANCED

- Energy Agreement Account + Bank Citibank

-

- Look @ ~~Visual Engine Render~~ OF

Index = Research Into Other Companies  
Other Projects  
Motion Capture  
Animation Styles and Physiology  
Comparisons Between Render of Next Gen  
Other Useful Sources

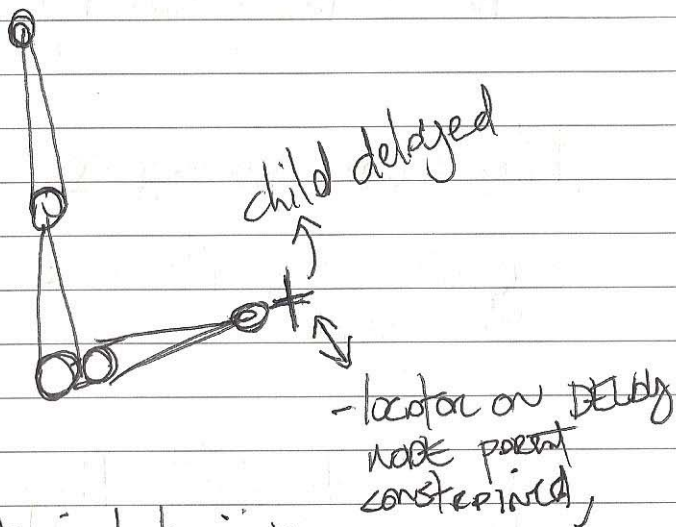
EVALUATIONS OF NEXT GEN TITLES



- Begin doing exploration of cloth physics in an engine

- Read through documentation of all of the physics attributes to look @

- Start application w/ delay node and see where we go from there.



- loc delayed  
- child joint constrained to joint A

- hand gets close to 'A', constraint switch happens

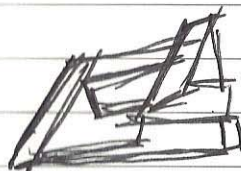
Movie - show difficulty of animation blend

what I want - Easy to use

- Easy to import
- Easy to change transition fade between moves
- Each time piece should have drop down menu that we change pivots as well handling options

Example - A E

- Show difficulty and lack of easy use gameplay U test



Blending System Setup - look @ motion builder

look @ DEVELOPING ANIMATION BLENDING SYSTEM

## Film Game Convergence

- > Export Jango Assets
- > Export ~~Bob~~ Player Assets into Smebeyo

ps - Export of Jango  
- Export of Player

- ~~Export~~ Import into VIEWER (Jango)
- Import into VIEWER (player)

- show animation system, show what is/was

Things to do tomorrow - 11/02/08

- playblast walk
- playblast run

- Import into after effects  
- show timeslider and how I want animation tool to work / dissolve

- show Gamebryo Animation System
- import tracks (to DIFFICULT to USE)
- how I ideally want my system to work

## Film Game Convergence

- Export Jango into scene, export run into scene

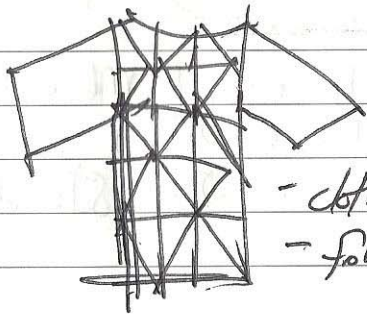
- Reminder to install Physx 2.6.4 into cloth simulation on kit for usage to it.

## Animation System

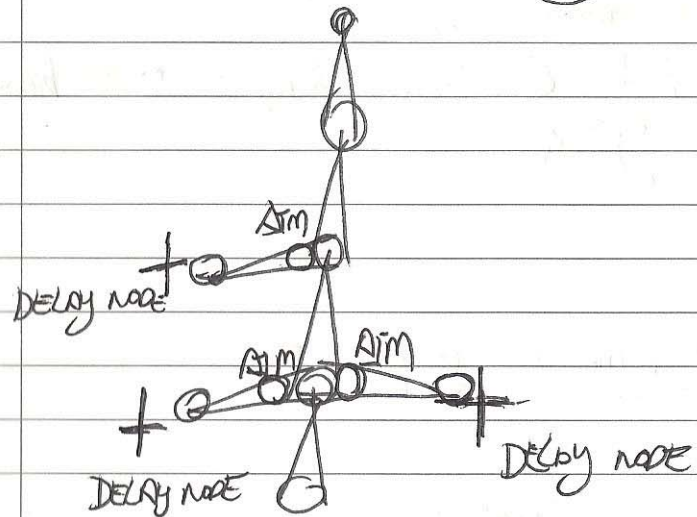
### Cloth Simulation

Delay Node - not actual cloth sim

MBA 2K Eschapes Cloth Sim



- cloth real time no stretching
- falls on collision



- need smart IK system that can  
in mid pic for leaps and jumps
- look for foot pivoting techniques

Player with blendshapes

## Blending System

- Tool very difficult to use
- instructions very vague and seems almost as if it is a struggle to get assets to work properly in gui
- pieces of ~~stuff~~

## Spider3 Animation Evolution

- wheels don't rotate on vehicles making it look horrible
- when spider stops making he studder steps to position

GET FOR PS3

FIFA - Latest  
UEFA Champions - Latest  
 ~~Madden 08~~  
MBA Live  
NCAA College ~~08~~  
NHL 08  
Fight Night  
MBA 2K 08

- UFC

- HULK

~~GODFATHER Game for CITIZENS~~

- GTA IV for CITIZENS

- ~~FIGHT NIGHT~~ PUMMEL REFERENCES

~~SPIDER3 REFERENCE~~

- NBA ~~2K~~ STREET HOME COURT

- NBA 2K (FOR CLOTH)

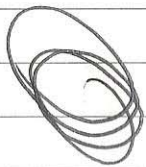
⊙ - REALTIME CLOTH SIMULATION  
COMPARISONS

16019

1 to 5

$$\begin{array}{r} 12 \\ 33 \end{array} \times \begin{array}{r} x \\ 900 \end{array}$$

$$\begin{array}{r} 900 \\ 12 \\ \hline 1800 \\ 900 \\ \hline 10800 \end{array} \quad \begin{array}{r} 3 \\ 33 \overline{)10800} \\ \underline{99} \\ 9 \end{array}$$



32727

## Completed Test Animations

- checked in peformance
- links to them -
- 
- Links to Exported files
- Links to LODs
  - sloppy and guide, but reduced polyca
- Look @ Animation Blending system
- Reports of Engine Analysis reviewed back Emergent and written in evaluation
- after animating w/ TFU assets will be doing analysis of character setup
- continue work on Tech Art Documents