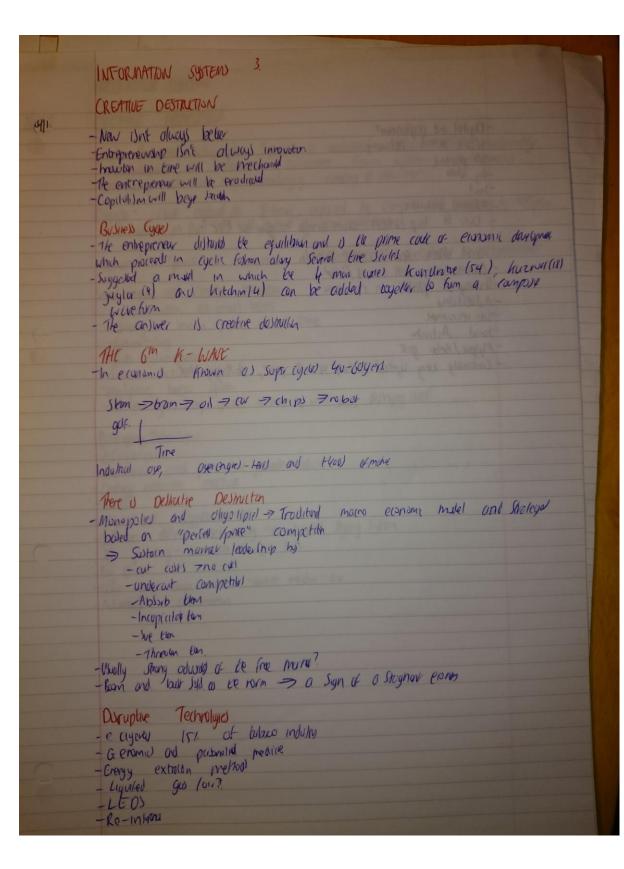
INFORMATION SUSTEMS 27/04/15 CREATIVE DESTRUCTION "Build a better maretisp and the world will beat a path to your dor" Foults: Murret Award: If nobody knows you exist and have built a marklop; no one will know that there is a path with beating Actual needs: If people do not have a marie problem, every do not need music trap Perrenal Needs: People who have mice, but are not aware of their existence, will not be interested in movering. Likewike people who thim mile ac "the cules they are not good prospects Offinition of Better Will buy only it ogne it is better someone who is style continue my consider a movelage that I love move efficient at catching motile sout 20/1/181) ottractive, to be inferior The Effort of Bedry the publication if customs have real news, perceive their existence, and recognite your product as better, still may not beat a path to your daw. If product is not superior or work it, they wint bother Imaxoun) Many compones left working: "We have a great product, why write the word brothery a path to our door?" Volve In the Customers' Terms value means different things to different people should you promote it's technical spas or show that is a easy to us? Important to address all parties concerns. Cost keep everyone hoppy Delivering the Melsage must communical these benefits Muking Latent Need) Keal: What it your producted is needed but market participant do not perfere trem? You must educate prospects about problem before you an Sell than your product beating the Path: Must Note it ewy for costoned to buy your produte 50% of Something always beats 10 0% of nothing Summery All ofter things equal -a product that offers equal value in the confirmer's eye will win if you can better communicip its volve A graduit that is better in the cultimate egget will win even it it is

inferior in the produit engineers eyes The easer you make it for you culture to buy your product, the more like, they wall Clayton Christon: The Innount's Dilemm - Doropte innovin hay to achieve growth in fast staging and

Industry givents forw on Sustaining Marcuba and upgrading existing products, but he
distry so are ignoring the regular cultimor and focusing only on the high paying are

the disruptive innovative takes a different approach and offer simple, have as a different approach and offer simple, have as a different approach and offer simple, have as a different approach and offer simple. - Obruptie innovalucred raw married and relinge existing all suresfully serving competition about I moveles dilemma como from the idea that args will reject moveless both on be fair that austoned amonthly we term, this allowing ther idea) with great potential to up to water Schumpeler -Alic known as schumpeler's gub creative delinition delined be privated or Indultial mutation that weightly revolutioned the economic strucke from teles more broadly to the lined proced a the accumulation and annihilation or wealth under cupitoria nover is but nove on the Studions - The fundamenal impulse the sals and begg the applicable engine in instance cases from the new authors' good, the new method of producing now movers that capitalist enterprise could - Process of creation destination is the estimated fact about complaint. It is what copylation consist in and what every capitalist comen his got to here h - agramic process interest in a free (i.e. competite) music -Innovation the main driver of wealth -Technology the enublar technology be deliner - Evolutionary - Ineuton



- Agital and orginourement - Stirring defined networking - 30 printing - Gry Data - Sea ) - Advanced outsman - Over be top content - online model - goverhole RTE? Social Malay and creative Destruth

- Communication - less emuils //ellal.

- Sharing if picture in real time

- Advertion;

- Job recontrol.

- Social Activity

- Myspire / Bebs gole

- Continuity being updaed to beep up with pair, descripty illel.

INFORMATION SYSTEMS 8/4/15 CREATIVE DETRUCTION Create Destruction: Schumpter "process of industrial mutation that increasingly revolutionsise the economic structure from within, increasingly destroying the old one, increasingly creating a new one" Example: Callete replaced to 8-brails, replaced by compail disk, replaced by MP3place
which in turn will be replaced by row technology Schunger: 'price of creative destruction is the essential fort don't copitalism's Social media and creative innuition: -(ammuniculain, less emails, letters - Shanny of media - pitues in real time -Advertising -Job recruitment -Social Activism
-myspace, bebo gore
-continuolly being updated to neep up with pure, deliving itself. Duruptive Tehnologies: - eligarettes - Genomics and personalized greaten medicie - Every extractor nethall -LEO'S - Pigitul and Cryptocurences
- Softwar defined networing - eradicated legacy system
- 3D printing - for beth etc., job lass - Big Data - Over the top content - unlike media - tu -Advanced automotion

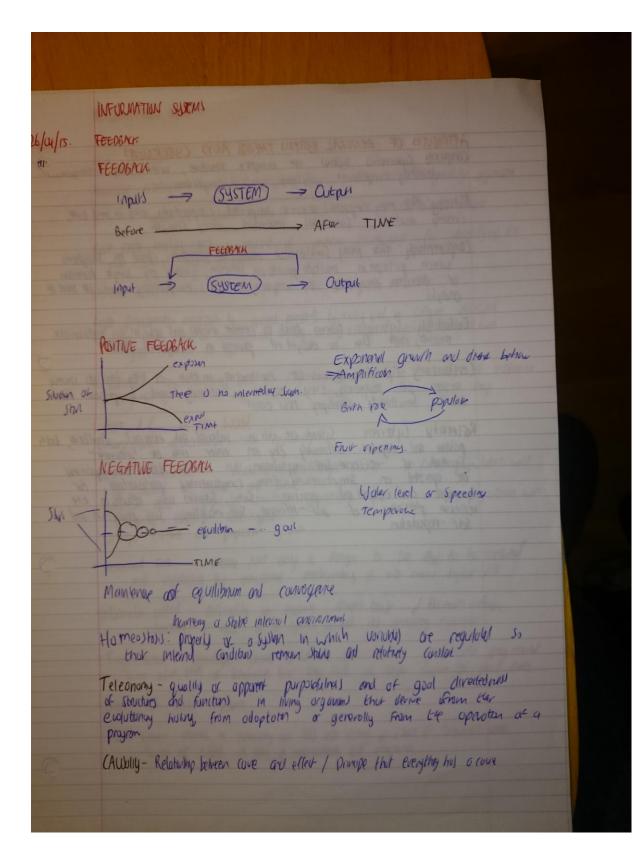
	A STREET OF THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAM
14  7  03/15	Creative Destruction - build something which will involving be destruction.  Clayton Christenson - innovators dilence (creative destruction).  Big componers been adding bell and whitely, now company will underest which simpler product cheaper.
	Schombergion doje - cheopie Mnalicane In Granaming
	Wary says soil alongs moing
	marx = copititum from one crisis to one tra

INFORMATION SYSTEMS 26/64/15 GENERAL SYSTEMS THEORY Butterlig effect - the loop within loop-amplified response A model of set of interrelated prixiples and contept that explain on agustions compex even twent put wither og reluled to each other.
Generic and can be applied to may different helds - Quer time, System theorith were brying to develop a theory that explain) system HUbry of GIST - 1936 Liding van Bertanlanty deelged ast to solve this problem - Theory developed funion by Ross Ashby in 1955 ensumment Sylen - Bertalings expected that tool systems are expected to, and work together with, their environment and con obtain qualitarity new properties through development resulting in constant development.

- The same concepts and principal are and underlied different distiplines (Socially) been etc.) presiding a basis for constitution.

- Systems concepts include: -Sysom - environment boundary Input -Praes - Stole -Hierary -Goul direlatively -Informun - Wen there conventrate on structural -Cybernetial Concentral on relationships - Both side of the sime can - Chow theory 00 field of shody in mans. CT Studies the behaviour or dynumical systems that are highly sensitive to initial conditions on effect which is popularly reflect to as the butterfly effect. small difference in initial conditions (San as randing enast) Gladed widely diverging outcome for such agramial system, rendering large term production impossible in general

The hoppen even though their splans are determinent, meaning that their fixure belovier is fully determined by their initial conditions, with no random elements unduel -In other word, the determination noting of those systems does not make them predictable. This between is known as determinating those or small than Than theny contend that complex and impediately results occur in system that are sentime to small change in their initial condition - Butterfly effect - States that the flapping of a butterfly's wind in the amozon could cave tiny atmospheric changes which over a certain time personal could effect weath putterns in new your = known as chartic systems - Appear to be runden but are not. Beneath random behaviour pattern) emerge, Suggesting, if not always revealing, order ysion thrupper ENVIRUNMENT



ATTRIBUTES OF GENERAL SYSTEMS THEORS ANYS CYBERNETICS
COMPLKING: Cybernetic Systems are complex societies, with many heterogeness
interacting components. Systems grow in complexity

Mutulity Thek many compress interact in prailed, cooperatively, and in real time creating multiple Simultanew interaction) among subsystem

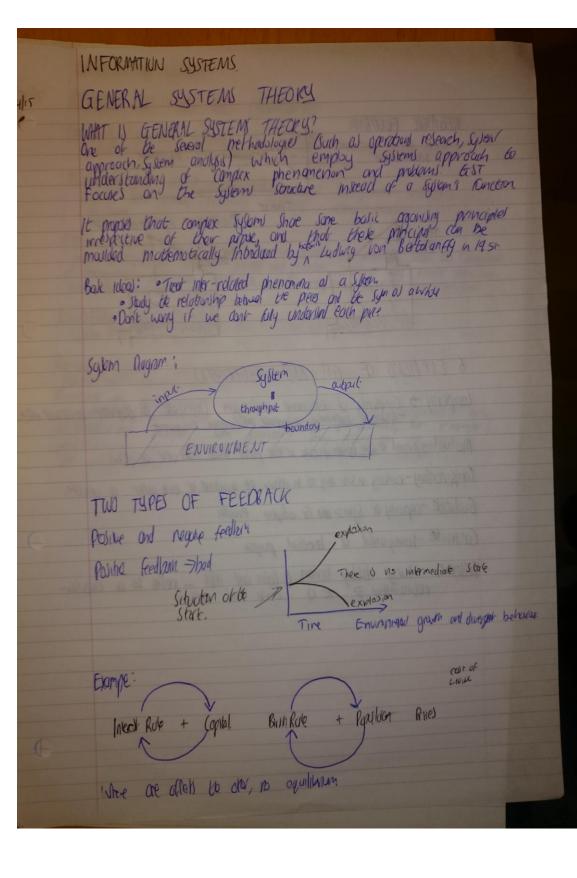
Compenentagy: These mainly simulationers modes of interactions lead to subsystems which participe in multiple procedule and sometries, yielding any single dimension of door other incomplete, and requiring multiple complementary investicable terms of only si)

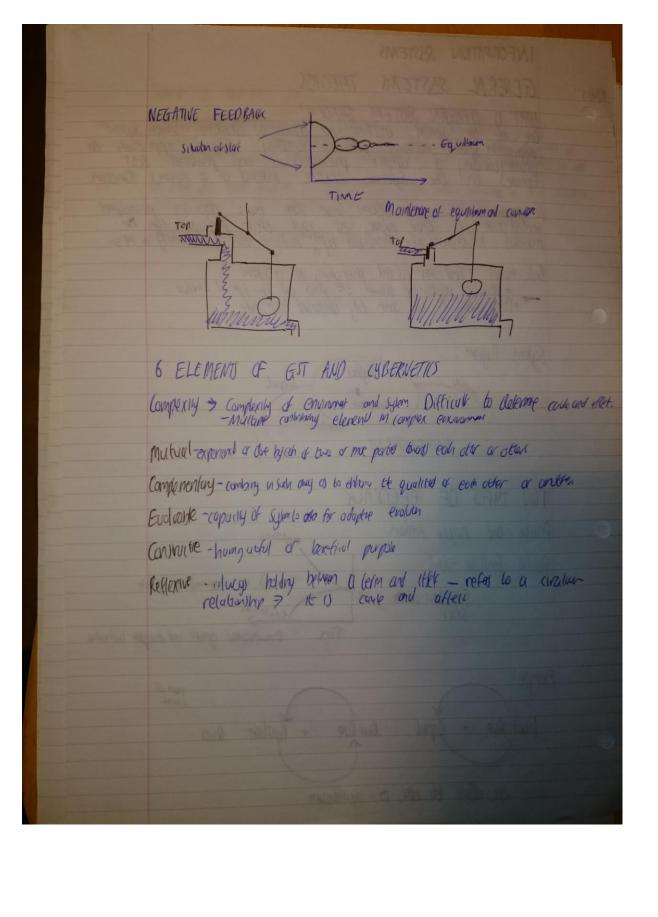
Eudvobility (y bernetic givens tend to tracke evolve and grow in an approximate mount, router than be designed and planned in an optimal mount.

Constructivity: Cybernetic cyslems are constructive, in that as they land to increase in size and compexity, they become historically bound to previous skew while simultaneous developing new trait

Reflexinty (y bernine Systems are vich in internal and external feedback both positive and negative. Ultimakly by an enter into the "ultimak" feedback of reflexive Self-application, in which their component one operated on simultaneously from complementary perspectively, for example as entitled and processes. Such situation may nextly in the reflexive planoming of self-reflexive, self-madelling, self-production and self-reproduction.

Where is GSTRC MAT Sylvad mornis hi) evolud and i) getting increasing involved in process against under the columns that any maj improve the monistra or horizon aster) reliable with the downfire of the culture at present or pre In very year an increasy determinent of the way humany of fail sometimes for the systems community Detersion of human society unlow bods, poserry, into lenous.





INFORMATION SYSTEMS 9/04/15 ATTRIBUTES OF GST AND CYBERNETICS Complexity Lybernetic Systems are complex structures, with many heterogenal interacting components, Mutuality: These many components interact in parallel, cooperatively, and in real time, creating multiple semultaneous interaction among Subsystem Complementary. The many simultaneous mades of interaction lead to subsigling which potropate in multiple process and structure, yielding any single durensian of description incomplete, and requiring multiple complementing, irreducible level of autysis Evolvability: Cylemetic Sylam) tend to evolve only grav in an opportunistic prover, rother than be designed and planned in an optimal manner. Reflexibly Lybertelia sylam are rish in interval and external feathbook, both positive and nayotive, Ultimately, they are enter into the "ultimate" feedback of reflexive self-opplication, in which their components are operated on simultaneously from comperency perspectives, for example as antitive and processe such situation) may refult in the reflexive phenomena of self-reference, self-modelling, self-production and self-reference, self-modelling, self-production and