

HANDS, HEART AND HEAD
etheric emanations

THE FUTURE OF THE HUMAN WITH THE MECHANICAL-FUSION OF TOPICS

- CHAPTER 3-The Philosophy of Freedom
- Title “Why the Desire for Knowledge is Fundamental”

Chapter 3-WHY WE ARE HERE

- “Man is not a self contained unity. He demands ever more than the world, of itself, offers him. Nature has endowed us with needs, but left their satisfaction to our own activity. However abundant the gifts which we have received, still more abundant are our desires. We are born to dissatisfaction.”
- THAT’S WHY WE ARE HERE TODAY!! YOU WON’T LEAVE WELL ENOUGH ALONE! THE GARDEN OF EDEN WASN’T ENOUGH FOR YOU!!

THE GAME IS AFOOT

- WE KNOW THE END RESULT OF THE GAME
- WE HAVE A BLUEPRINT OF THE GAME PROCESS (RULES!)
- WE KNOW THE CONSEQUENCES FOR THE PARTICIPANTS
- WE KNOW THE PLAYERS AT ALL THE LEVELS OF THE GAME
- AND WE HAVE JUST TWO TOOLS, FREE WILL AND THOUGHT

TODAYS CHALLENGE

- REVIEW THE ETHERIC BODY BUT GO FOURFOLD
- INTERWEAVE THE FOURFOLD SYSTEM
- KEEP MY FOCUS ON THE AGENDA-
- “THE FUTURE OF THE HUMAN WITH MECHANICAL”
- PROVIDE WHATS HAPPENING NOW AND UPCOMING CONNECTIONS
- FINISH IN ONE HOUR

THE ETHERIC BODY

- 4 FOLD-PHYSICAL-ETHERIC-ASTRAL-EGO-
- OUR FOCUS IS THE ETHERIC BODY-SOMETIMES REFERRED TO AS LIFE BODY AND ITS INTERPLAY WITH THE PHYSICAL BODY
- WE WANT TO WALK THROUGH THIS TOGETHER AND THINK THROUGH THIS AS A GROUP EXERCISE WITHOUT TOO MANY QUOTES.
- BUT TO INTEGRATE THE “MECHANICAL” WITH THE FOUR FOLD SYSTEM WE HAVE TO GET INTO THE NERVE SENSE SYSTEM

ETHERIC BASICS FROM STEINER

- BORN OLD AND GETS YOUNGER AS PHYSICAL BODY AGES
- HAS SEVERAL COMPONENTS
- MEDIATES COSMIC FORCES COMING IN TO BALANCE EARTHLY FORCES PUSHING INTO THE PHYSICAL BODY
- BRINGS THE COSMOS INTO THE BODY STRUCTURE
- EXPANDS AFTER THE PHYSICAL DEATH

FOUR FOLD IN A NUTSHELL

- PHYSICAL-BUILT FROM THE GROUND UP-RETURNS TO EARTH
- ETHERIC-HOLDS PHYSICAL IN SHAPE-INTERMEDIARY FOR COSMIC FORCES HOLDING PHYSICAL FORCES IN CHECK
- ASTRAL BODY-EMOTIONS, AUTONOMIC SYSTEMS, FEELINGS-PART OF THE SOUL SYSTEMS-SHARED WITH ANIMAL KINGDOM
- I OR EGO-NEURO-SENSE SYSTEMS-SENSORY ORGANS-Input system to the brain. THESE ARE THE PORTAL OF CONNECTIONS WHICH WILL INTEGRATE THE MAN AND MACHINE

DISCLAIMER

- THIS INFORMATION AND THE INTERPRETATION OF IT IS BASED ON MANY RESOURCES MANY OF WHICH ARE PRIMARY AND MANY I BROUGHT WITH ME TO SHARE WITH YOU. THE INTERPRETATIONS OF HOW THESE WILL INTEGRATE INTO MAN IN THE FUTURE ARE MINE AND THERE CERTAINLY CAN BE DISAGREEMENTS ABOUT THIS AND MY INTERPRETATION OF SOME OF STEINERS WORKS. THIS IS BY NO MEANS AN AUTHORITATIVE REVIEW AND I SUSPECT THERE WILL BE DIFFERENCES AT THE END OF THE TALK. AS THERE SHOULD BE.

WHAT DOES MECHANICAL MEAN

- MY INTERPRETATION IS ANY NEW INPUT OR OUTPUT DEVICE ADDED TO THE HUMAN THAT THEY WOULD NOT HAVE PRODUCED BY THEIR OWN GENETIC OR EPIGENETIC STRUCTURE. IN SHORT, NOT IRON MAN BUT THE HULK
- THIS WILL INCLUDE ADD ON MECHANICAL ENHANCERS, INPUT DEVICES, DOWNLOADABLE INFORMATION BASED DEVICES AND “SOFTWARE”, STRUCTURAL ADDITIONS TO GENETIC CODES TO PRODUCE ENHANCED FUNCTION VIA CHRISPER TECHNIQUES AND NEWER TECHNIQUES COMING SHORTLY. REMEMBER GENETIC ENGINEERING IS MECHANICAL AT THE NANO LEVEL.

SENSORY NERVE SENSE INPUT

- MOST COMMON CLINICAL AP TODAY
- “A CLOSED-LOOP HAND PROSTHESIS WITH SIMULTANEOUS INTRANEURAL TACTILE AND POSITION FEEDBACK” SCI.ROBOT 4 (2019) 20 FEB
- THIS HAS THE ENTIRE FEEDBACK LOOP WITH INPUT FROM SURFACE SENSORY ELECTRODES TIED INTO SEVERED NERVES IN ARM AMPUTEES WHICH THEN HAS OUTPUTS TO A PROSTHESIS WHICH THEN CAN BE CONTROLLED BY THE PERSON TO AN ACURACY CLOSE TO A NORMAL HAND

DIRECT BRAIN INPUTS

- “WORKING MEMORY REVIVED IN OLDER ADULTS BY SYNCHRONIZING RHYTHMIC BRAIN CIRCUITS” NATURE NEUROSCIENCE VOL 22 MAY 2019.
- USING NON INVASIVE INPUTS TO SYNCHRONIZE COUPLING IN TERMS OF PHASE-AMPLITUDE COUPLING AND PHASE SYNCRONIZATION WHICH IMPROVED WORKING MEMORY IN TEST SUBJECTS LASTING BEYOND THE APPLICATION TIME (>50 MINUTES) USING TRANSCRANIAL ALTERNATING-CURRENT STIMULATION (NOW APPROVED FOR DEPRESSION). TESTING WAS COMPARING OLDER ADULTS 60-76 TO YOUNGER ADULTS

NON INVASIVE OUTPUT INTEGRATION

- “QUADCOPTER CONTROL IN THREE-DIMENSIONAL SPACE USING A NONINVASIVE MOTOR IMAGERY BASED BRAIN-COMPUTER INTERFACE” j neural eng. 2013 10(4)
- PERSON-MACHINE INTEGRATION WITH SCALP EEG-5 TRAINEES TAUGHT TO USE SENSORIMOTOR RHYTHMS TO CONTROL A DRONE IN THREE DIMENSIONAL SPACE. THEY DEVELOPED 95% ACURACY IN ACQUIRING TARGETS. BRAIN-COMPUTER INTERFACES ARE NOW VERY ACTIVE AREA OF RESEARCH WITH PEOPLE WITH SEVERE MOTOR DISABILITIES CONTROLLING ROBOTIC ARMS, FEEDING THEMSELVES AND FEELING THE OUTSIDE WORLD AGAIN.

CLOSED LOOPS

- SENSING-PROCESSING-ACTUATION-
- HUMAN OUTPUT-COMPUTER PROCESSING-ROBOTIC OUTPUT
- SENSOR INPUT-HUMAN PROCESSING (SENSE SYSTEM-BRAIN)-
HUMAN OUTPUT (THOUGHT)-ANALOGUE TO DIGITAL PROCESSING
SUCH AS EEG-COMPUTER PROCESSING-ACTUATION THEN FEEDBACK
AND REPEAT. HELLO WORLD!
- IF YOU CAN ENVISION IT IT WILL BE DONE

WHAT ABOUT THE NANO SCALE

- GENETIC ENGINEERING-CUT-SNIP-REPLACE-HOPEFULLY PREDICT OUTCOME
- CRISPR-CLUSTERED REGULARLY INTERSPACED SHORT PALINDROMIC REPEATS
- CRISPR-ASSOCIATED PROTEINS (CAS) SYSTEMS

CRISPR-CAN BE APPLIED FROM EMBRYO TO DEATH (AND WILL BE)

- TWINS IN CHINA TO BE HIV RESISTENT BUT WAS REALLY A PROOF OF CONCEPT TRIAL-
- CRISPR IS PANDORA'S BOX OPENED ONCE AGAIN. IT WILL ACCELERATE ALL GENETIC ENGINEERING BECAUSE IT IS A SYSTEM WHICH CAN BE EXPANDED. IT IS THE NATURAL COMPLEMENT TO MAN-MACHINE INTEGRATION BECAUSE YOU WILL BE ABLE TO BUILD IN WITH A PROGRAMMED EPIGENETIC CHANGE WHICH MAY THEN ENHANCE THE LINKAGE TO A MACHINE. ONE CAN ENVISION THE PROGRAMMING OF A UCB PORT INTO A HUMAN BUILD FOR DOWNLOADS WITH A LITTLE IMAGINATION.

CRISPR BASICS-COMES FROM NATURE (WIKIPEDIA VERSION)

- CRISPR IS A FAMILY OF DNA SEQUENCES FOUND WITHIN THE GENOMES OF PROKARYOTIC ORGANISMS SUCH AS BACTERIA AND ARCHAEA. (THEREFORE ALREADY HAVE ETHERIC BODIES). THEY ARE DERIVED FROM DNA SEQUENCES TAKEN FROM VIRUSES AND WERE DEVELOPED TO HELP DEFEND AGAINST FUTURE VIRAL INFECTIONS.
- Cas9 IS AN ENZYME THAT USES THE CRISPR SEQUENCES AS A GUIDE TO FIND AND CLEAVE DNA STRANDS THAT ARE COMPLEMENTS TO THE CRISPR SEQUENCE
- NOW EXTRAPOLATE THAT TO A PROCESS OF FINDING A Cas ARMING IT WITH A DIFFERENT SEQUENCE YOU WANT TO REPLACE AND INJECTING THAT INTO THE DNA AND YOU HAVE ENDLESS POSSIBILITIES.

CHOICES



TOOLS AND ROADMAP

- FREEWILL-CAN READ AND TRY TO RESEARCH STEINERS WORK IN OTHER FIELDS-AGRICULTURE-EDUCATION-MEDICINE-SCIENCE-
- -CAN LEARN AND DO THE EXERCISES DESCRIBED
- -CAN TRY AND UNDERSTAND PHILOSOPHY OF FREEDOM, ESOTERIC SCIENCE AND HOW TO KNOW HIGHER WORLDS-STEINER SAYS EVERYTHING IS IN THESE BOOKS.
- -
- THOUGHT-BEGIN TO THINK ABOUT YOUR THOUGHTS WHILE YOUR THINKING