Emotion Dynamics Equations of Emotion

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Analogy in Emotion Dynamics

As with all common physical phenomena, Emotion Dynamics includes:

- Flow (of emotional energy)
- Pressure (will and desire)
- Impedance (blockage of flow)

These three quantities interact according to the same laws as their physical analogs

Analogy in Emotion Dynamics

Emotional Analogs

Emotional charge (e): Electric charge (q)

Emotional flow (Φ) : Electric current (i)

Emotional flow rate (Φ'): Electric charge acceleration (i')

Will, Desire (E_e): Force, Voltage (E)

Emotive Impedance:

Emotive inductive reactance (L_e): habit, inertia, addiction

Emotive reluctance (R_e): denial, judgment, anger

Emotive capacitive reactance (C_e): doubt, fear, anxiety, avoidance

Emotive Impedance Force = impedance x flow

Emotive Force = Desire, Will, Passion Emotive Impedance = Resistance + Reactance $E_e = L_e * \Phi_e' + R_e * \Phi_e + e/C_e$ $L_e = Inductive emotive reactance - Habit$

 R_e = Emotional resistance (reluctance) - Denial

C_e = Capacitive emotive reactance - Doubt

e = emotional charge (emotion, noun)

 Φ_{e} = emotional flow (emotion, verb)

 Φ_{e}' = emotional flow rate (change in emotions)

Emotive Impedance

Emotive inductive reactance:

Habit Leads to: addiction, arrogance
Energy is stored in motion (repetition)

Emotive reluctance (emotional resistance):

<u>Denial:</u> judgment, anger, disappointment
Energy is lost to dissipation (friction)

Emotive capacitive reactance:

Doubt: fear, avoidance, anxiety, distance Energy is stored in separation (holding)

Analogy in Emotion Dynamics

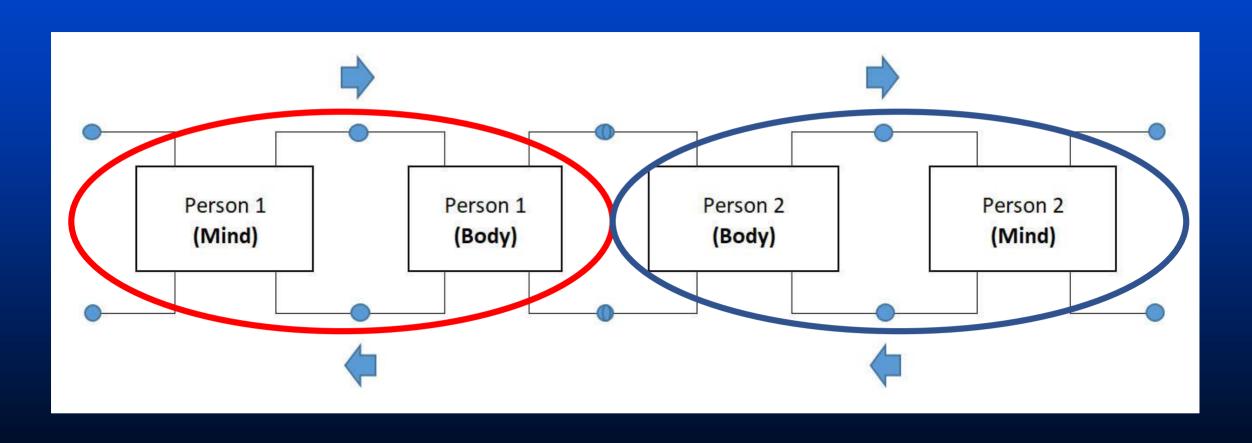
A lack of Emotional well-being is typically due to:

- Insufficient Flow (lack of emotional dynamics)
- Insufficient Pressure (lack of will and desire)
- Excess Impedance (blockage of flow)
 - Excess habit and inertia
 - Excess denial and anger
 - Excess doubt and fear

The 2 insufficiencies are remedied by decreasing these 3.

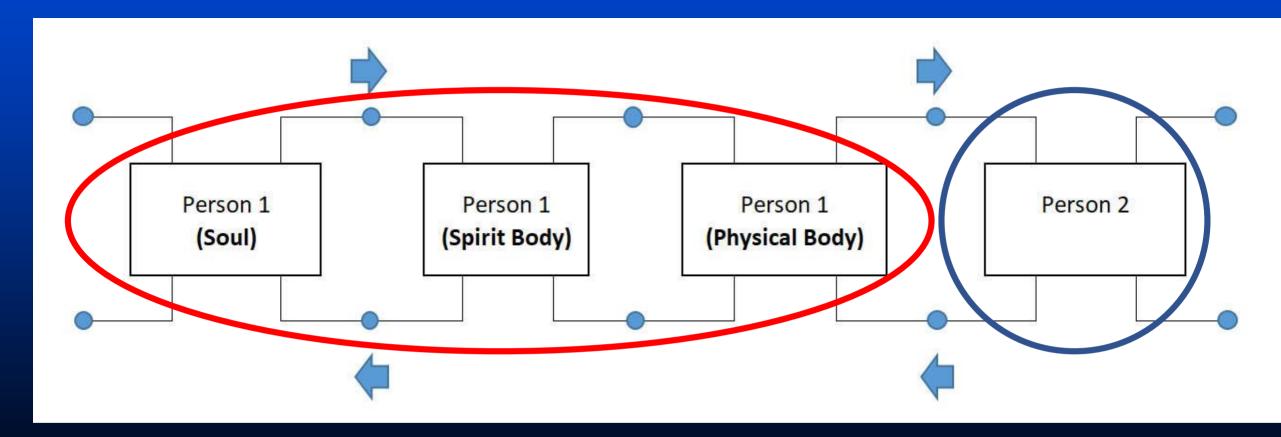
Emotive Circuits

Circuit model of consciousness Modeling emotive force & emotive flux

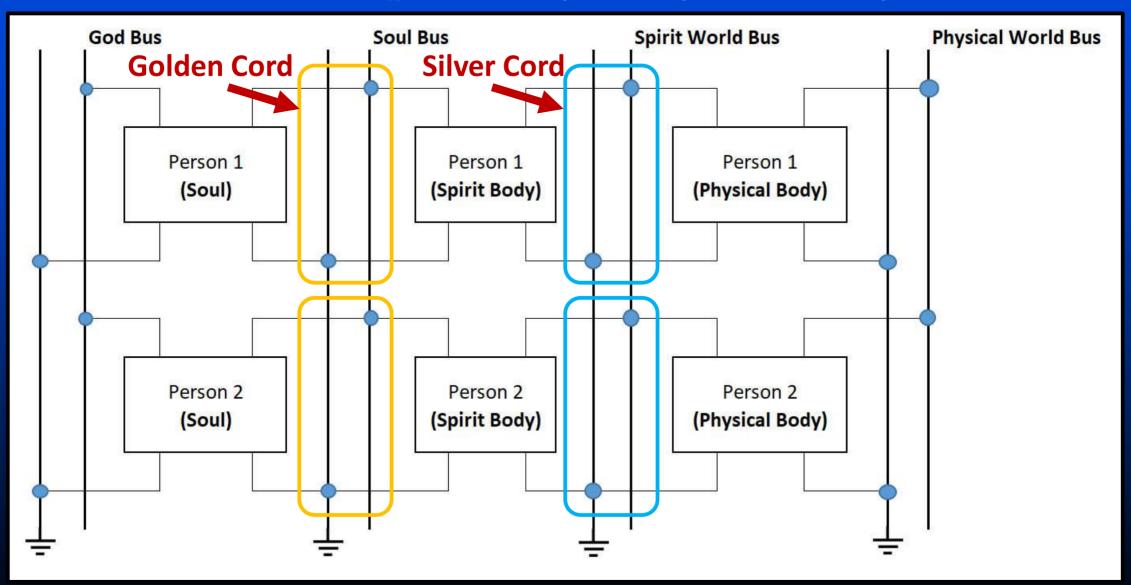


Analogy in Logical Action

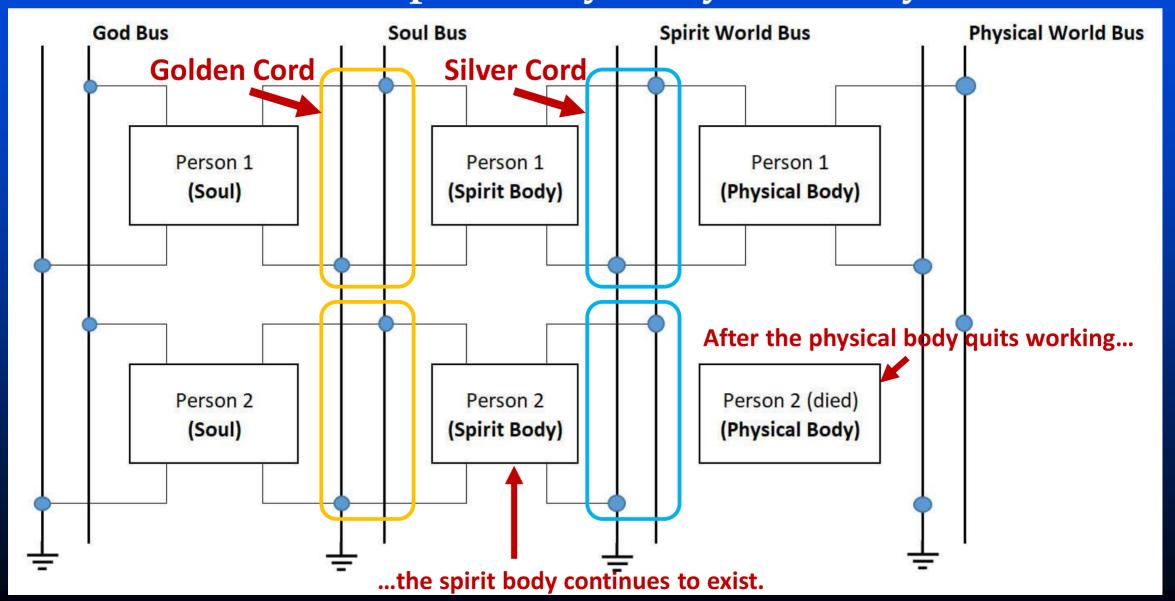
3-Level Model of consciousness Soul – Spirit Body – Physical Body



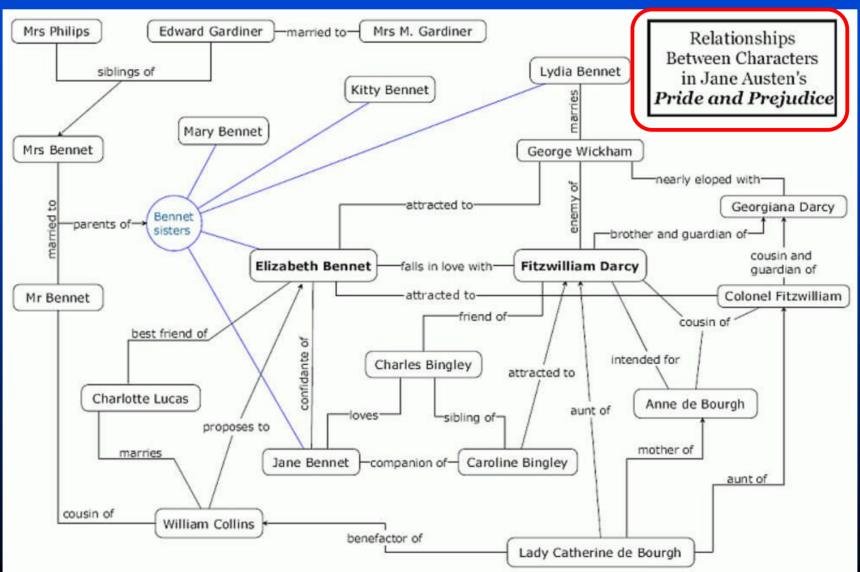
3-Level Model of Consciousness Soul – Spirit Body – Physical Body

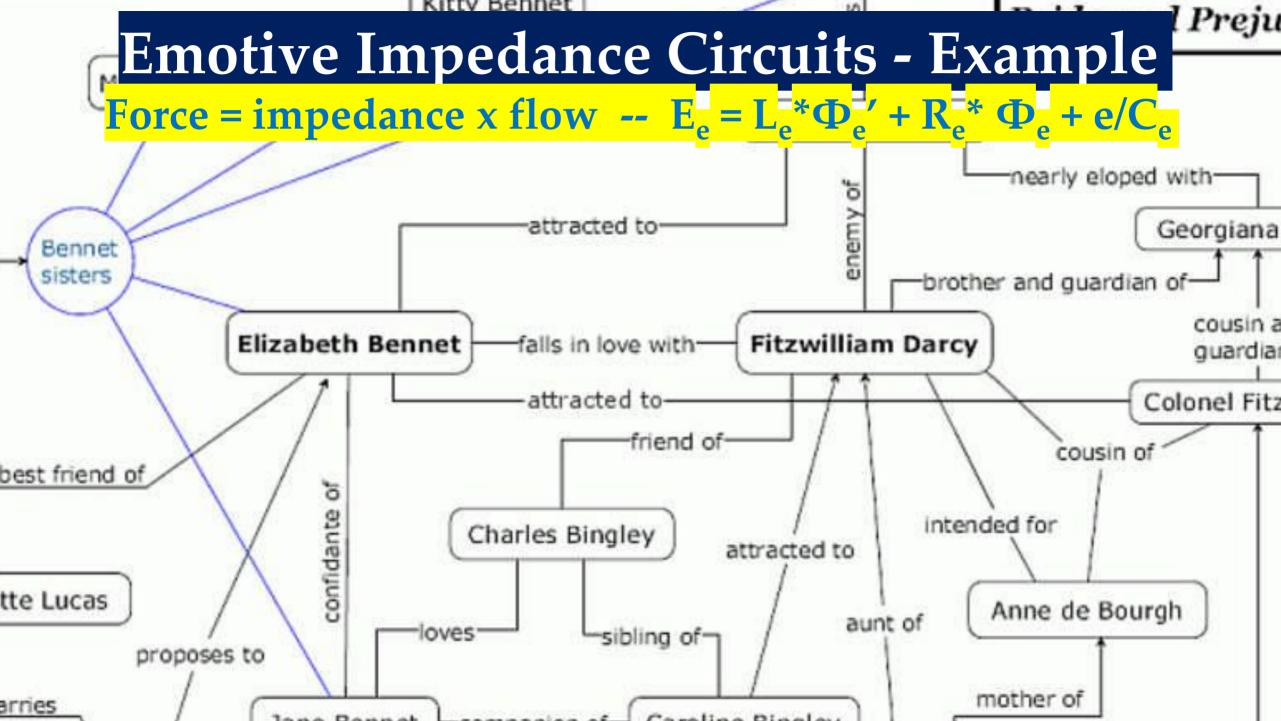


3-Level Model of Consciousness Soul – Spirit Body – Physical Body



Emotive Impedance Circuits - Example Force = impedance x flow -- $E_e = L_e * \Phi_e' + R_e * \Phi_e + e/C_e$





Emotive Circuit Impedance

Emotional Response Characteristics of an Emotive Circuit

Can be inferred from Response to a probe as signum function (+1 & -1)

Emotional Blockages

Emotional Error		Emotive Impedance
Habits	=	Inductive Emotive Reactance
Denials	=	Emotive Resistance
Fears	=	Capacitive Emotive Reactance

When a group of people are subject to the identical event or information, the individual specific response offers clues about personal impedance

Emotion Dynamics

- The model is intended to represent how emotions flow and are processed.
- The model can be developed for individuals or groups
- As with all common physical phenomena, there is flow and pressure.
- The main concern is that most people have too much emotional impedance, including the resistance component (aka reluctance) -- a flow restrictor like a narrowing of a fluid conduit, as well as the reactance component (inductive & capacitive).

	L _e φ'+R _e φ+e/C			
Inductive Emotive Reactance	Emotive Resistance	Capacitive Emotive Reactance		
L_e	R_{e}	1/C _e		
		<u>"</u> "		
KINEMATICS	KINETICS	STATICS		
Yang	Damping	Yin		
Craving	Anger	Attachment		
Magnetic	Heat	Electric		
Energy is stored in:	Energy is lost:	Energy is stored in:		
moving quanta	through dissipation	separated quanta		
Falling/Throwing	Conflict	Holding, Attaching		
Inertia	Drag	Elasticity		
Acquisition	Loss	Retention		
Coercivity		Retentivity		
Emotive Inertia	Emotive Resistance	Emotive Elastance/Rigidity		
Inertance	Reluctance	1/Compliance		
Need	Grief	Doubt		
Habit	Pain	Fear/Terror		
Repetition	Loss	Uncertainty		
Mass/Inertia	Damping/Friction	Expansion/Compression		

Analogy in Emotional Action

		Emotive Ch	narge	Dynamics		Emotive Ch	arg	e Kinetics		Emotive Charge St	tatics	#0
Emotive Force		Emotive Inertance	1	х ф'	+	Emotive Resistan	ce	ф		Emotive Capacitance	е	,
Will	(=)	Inertance	×	Emotive Flux Rate	+	Reluctance	×	Emotive Flux	+	1/Compliance	×	Emotive Charge
Desire	==0	Need	×		+	Grief	×		+	Doubt	×	5276
Intent	3 = 3	Habit	×		+	Pain	×		+	Fear/Terror	×	
Motive	=	Repetition	×		+	Loss	×		+	Uncertainty	×	
		Mass/Inertia	×		+	Damping/Friction	×		+	Expansion/Compression	×	
Emotive Impeda	ance	a 🗌								<u></u> "		
		Inductive Emotive Read	ctanc	e	31	Emotive Resistance	ce		80	Capacitive Emotive Reactar	nce	
		High Reactance	264	Low Reactance	- ·	High Resistance	aş	LowResistance	100	High Reactance		Low Reactance
		Arrogance		Humility	1	False Belief		Known Truth	48	Anxiety/Worry	•	Faith
		Expectation		Allowance		Disappointment		Acceptance		Distrust		Trust
		Habit/Addiction		Spontaneity		Judgment		Admittance		Avoidance		Engagement
		Presumption		Non-Assumption		Criticism		Appreciation		Separation		Alignment
		Prejudice		Openness		Anger		Conductance		Shame/Guilt		Innocence
		Façade		Sincerity	_	Frustration		Grace		Distance		Proximity
		NEED		*	B	DENIAL	_			DOUBT		
		HABIT				ANGER				FEAR		
Emotional Dyna	mic	.'S										
Emotive Force	=	Inductive Emotive Reactan	ICE X	Emotive Flux Rate	+	Emotive Resistance	×	Emotive Flux	+	Capacitive Emotive Reactance	×	Emotive Charge
F_e		L _e	×	11 CONT. 12.1	+	R_{e}	×		+	1/C _e	×	е
			×	0"	+	'	×	O'	+		×	

Inductive Emotional Impedance







Emotive (Charge I	Dynamics	
Emotive Inertance	×	_φ'	
Inertance	×	Emotive Flux Rate	
Need	×		
Habit	×		
Repetition	×		
Mass/Inertia	×		

madelive Emotive neactance			
High Reactance	Low Reactance		
Arrogance	Humility		

Inductive Emotive Reactance

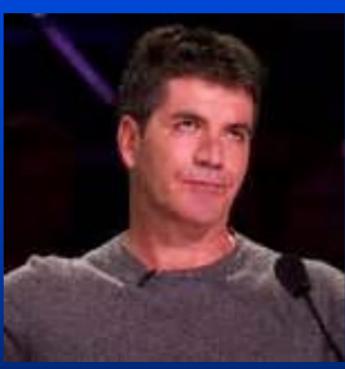
Arrogance Humility
Expectation Allowance
Habit/Addiction Spontaneity
Presumption Non-Assumption
Prejudice Openness
Façade Sincerity

NEED HABIT

Resistive Emotional Impedance







Emotive Resistan	ce	ф
Reluctance	×	Emotive Flux
Grief	×	
Pain	×	
Loss	×	
Damping/Friction	×	
' Emotive Resistance	ce	
12年 12 12 12 12 12 12 12 12 12 12 12 12 12		LowResistance
High Resistance		
tion 1917 I start the total		Known Truth
False Belief Disappointment		Mic of the Company
False Belief		Known Truth

Criticism

Frustration

Anger

DENIAL

ANGER

Appreciation

Conductance

Grace

Capacitive Emotional Impedance







Emotive Charge	Statics
Emotive Capacitance	е
1/Compliance	× Emotive Charge
Doubt	×
Fear/Terror	×
Uncertainty	×
Expansion/Compression	×

Capacitive Emotive Reactance	
Illah Danstonen	

FEAR

High Reactance	Low Reactance
Anxiety/Worry	Faith
Distrust	Trust
Avoidance	Engagement
Separation	Alignment
Shame/Guilt	Innocence
Distance	Proximity
DOUBT	

Emotive Impedance - Summary

Emotive Impedance

L. Inductive Reactance

R_e Resistance

1/C_e Capacitive Reactance

Addiction

Pain

Anxiety

Arrogance

Lack

Loss

Separation Delay, Rush

Expectation

Damage

Holding False Belief

Assumption

Anger - DENIAL

Fear - DOUBT

Need - HABIT

Rage

Worry

Deception

Avoidance

Distrust

Façade, Pretense

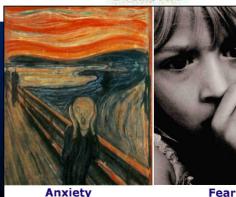
Minimization

Shame

Unhealthy Habit







Emotive Impedance - Summary

Why do people have so much:

- Emotional Inertia (Habit)
- Emotional Resistance (Denial)
- Emotional Fear (Doubt)

- People are fundamentally an emotional being
- Most (perhaps all) health concerns have an underlying emotional cause
- Must address the underlying emotions in order to make a sincere soul shift forward
- Any treatment of symptoms (effects) will have little effect without the release of the emotional causes

- Blockage or denial of held emotions
- Stuckness, habits, patterns of avoidance
- Solution: free up the emotional flow
- Face the truth with honesty and sincerity
- Spend plenty of time feeling, exploring and discussing with others or yourself
- Maintain an attitude of humility (opposite of arrogance, thinking you know it all)

- Every person has fears. The remedy is to develop faith.
- Most are unaware of their fears due to denial
- Avoidance is a form of denial
- Denial is typically invisible to its holder
- Denial is difficult to notice or identify
- Every person has habits, mostly unhealthy
- Most people tend to automate their routines
- Habits (e.g. judgment, procrastination, avoidance) are a form of denial

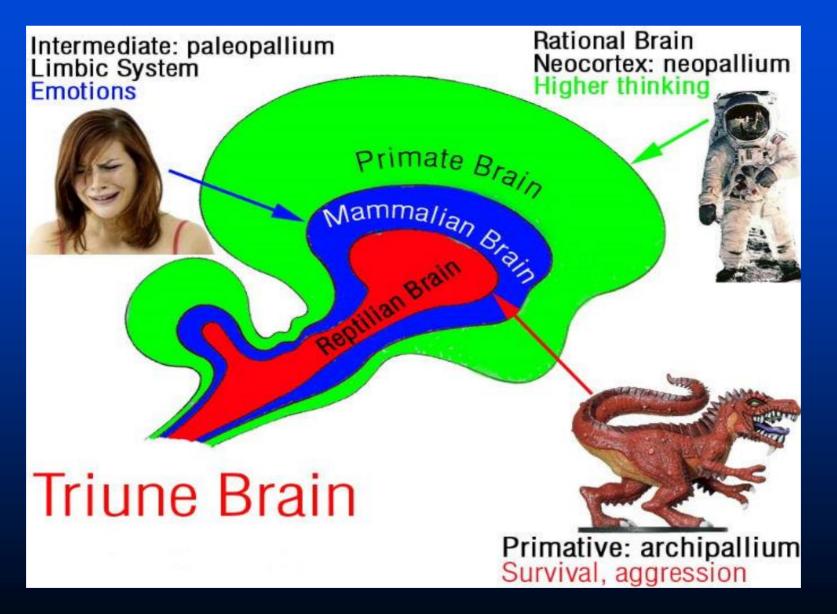
- Our emotional reluctance to change is the primary obstacle to our progress
- We each must accept total personal responsibility for our condition, as well as for improving it
- Reducing our personal resistance to change and truth is the key factor to best health and relationship with God

Emotional Injury: Imprinting of Stress

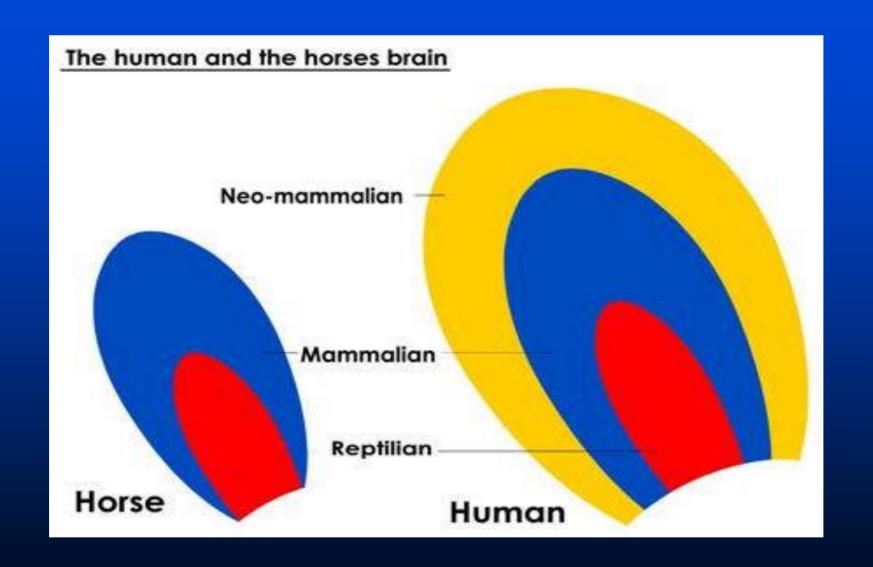
Upon birth, the newborn is faced with a significant change in living conditions. Survival is uncertain and contingent on behavior of others who are around.

- Brainstem (Reptilian Brain)
 Autonomic Nervous System (Reflex Response)
 Establishment of baseline response threshold
 Survival fears and anxiety
- Limbic Brain (Emotional Brain)
 Memories and feelings
- Neocortical Brain (Thinking Brain) Cognitive response

Triune Brain



Triune Brain



Early Imprinting of Brain (various survival fears)

Feelings Matter Keys to the Unexplored Self

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Feelings Matter

by Ceanne deRohan

by Ceanne DeRohan

with Special Thanks to Nicolas Masucci, M.D.

Four Winds Publications

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For more info, see birthpsychology.com

Emotional Trauma in the Womb by Samuel Lopez De Victoria, PhD

- "My model and experience working with patients is that consciousness can be sensed beginning in month 4 of gestation.
- One researcher that I recently came across is Tessa Roseboom, a Dutch researcher who studied the survivors of the Famous WWII Dutch Famine. In my humble opinion, there appears to be evidence of in utero (in womb) trauma in these persons who have experienced extra-normal issues in their adult life."

Emotional Trauma in the Womb Sample References

- The Effects of Prenatal Stress on Child Behavioural and Cognitive Outcomes Start at the Beginning. Vivette Glover, MA, PhD, DSc, Institute of Reproductive and Developmental Biology, Imperial College London, United Kingdom. *Encyclopedia on Early Childhood Development*, *January* 2011.
- Prenatal exposure to air pollution linked to impulsivity, emotional problems in children. Science Daily, March 17, 2016. Summary: Exposure to common air pollutants during pregnancy may predispose children to problems regulating their thoughts, emotions, and behaviors later on, according to a new study.

Anxiety and Fear



Emotional Trauma

- The impact of early-life emotional injuries on our whole life is extremely significant.
- Prenatal conditions influence the child's emotional health.
- Conditions during infancy further affect emotional health due to imprinting of reptilian brain with survival fears.
- The remedy is to revisit, accept, and release the various imprinted fears.

Emotion Dynamics

- The general goal is to increase flow by reducing emotional impedance to change and truth
- The reactive components are time-varying and store energy as either in motion (inductive) or separation (capacitive).
- The method is to map out one's emotional blockages, identifying the three types of impedance as in an electrical network.
- Then the standard equations can be applied to the analysis of a person's emotional response characteristics.

Applied Emotion Dynamics

for Emotional Health Care

- The model is intended to represent how emotions flow and are processed.
- The model can be applied to the objective of improving one's emotional health.
- The main concern is that many people have excessive emotional impedance, which is emotional blockage. Example: emotionally shut down
- Healthcare objective: Reduce emotional blockages.

Applied Emotion Dynamics

for Emotional Health Care

Given three types of emotional impedance (blockages impairing emotion flow),

- Inductive having excess habit, arrogance
- Resistive flow restriction: denial, anger
- Capacitive holding onto doubt and fear
 - there should be three types of remedies

for Emotional Health Care

The first step is to identify specific impedance. A good approach to getting clarity is making lists:

- Habit list all habits, needs, expectations
- Denial list all things that make you feel anger, judging, critical, disappointed, frustrated
- Doubt list all fears, and all things that make you feel anxiety, worry, shame or guilt, and (importantly) things that you avoid.

for Emotional Health Care

Take a month or so to build up the lists. Sort the lists in order of priority. Also make positive lists:

- Passions list everything you feel passionately about
 - Things you love and that you love to do
 - Things you hate and that you hate to do
- Gratitude list all things that you appreciate and are grateful for.
- Attractions list all things that you are attracted to.
- Desires list all things that you desire in life.
- Quirks list all things that are unusual about yourself.

for Emotional Health Care

It's helpful to discuss the lists with another person, such as a partner, friend, or counselor.

These lists will help uncover invisible denials:

- The Desires and Passions and other positive lists are clues to any limitations of one's will.
- The Habits list are clues to one's façade.
- The Denial/Judgment lists are clues to denial/anger blockages.
- The Fears/Doubts lists are clues to your held terror.

Emotional Impedance

Habits, Denials, Fears

People feel strong resistance to change.

Health Consultant's #1 Priority:

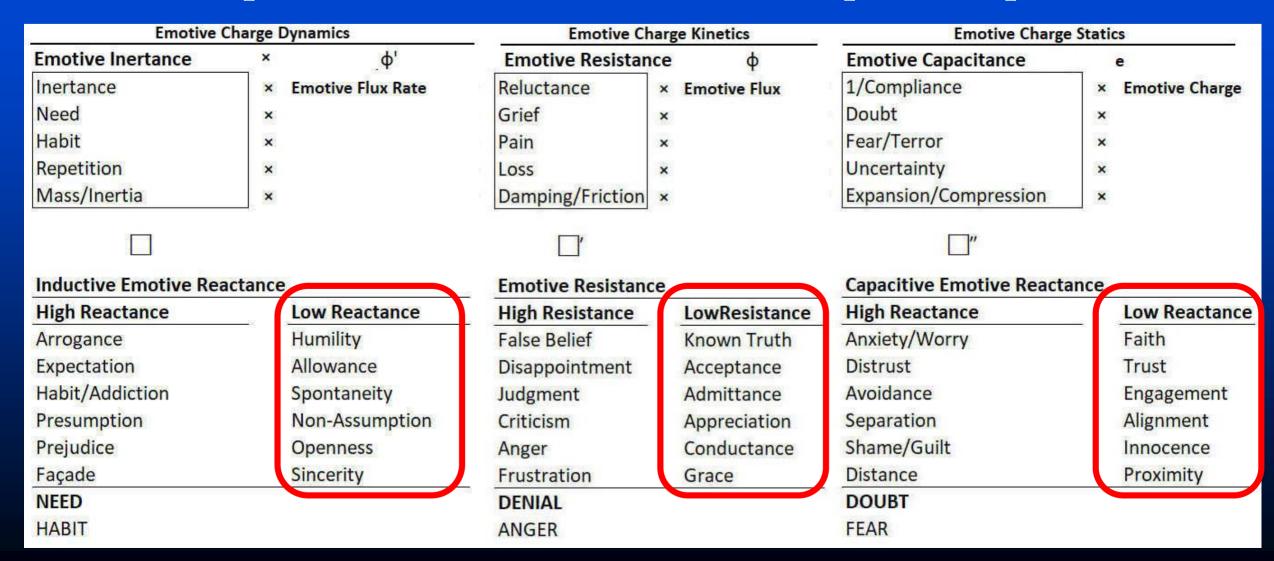
Get client to WANT to improve lifestyle

HOW?

Find emotional reason for HABITS

Uncover **DENIALS**List your **FEARS**

It's helpful to strive to attain these low-impedance qualities:



Emotional Impedance

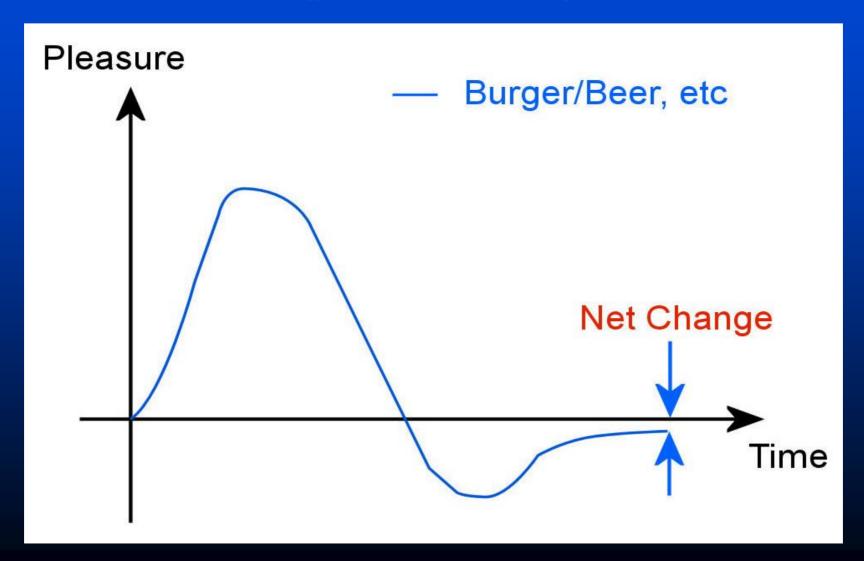
Habit Modification

How to deal with unhealthy habits

- Explore all emotions relating to **HABITS**
- Observe emotions that arise when habit is not satisfied
- Recall how you usually feel before, during, and after unhealthy habit satisfaction. Compare to how you usually feel before, during, and after a healthy habit satisfaction.

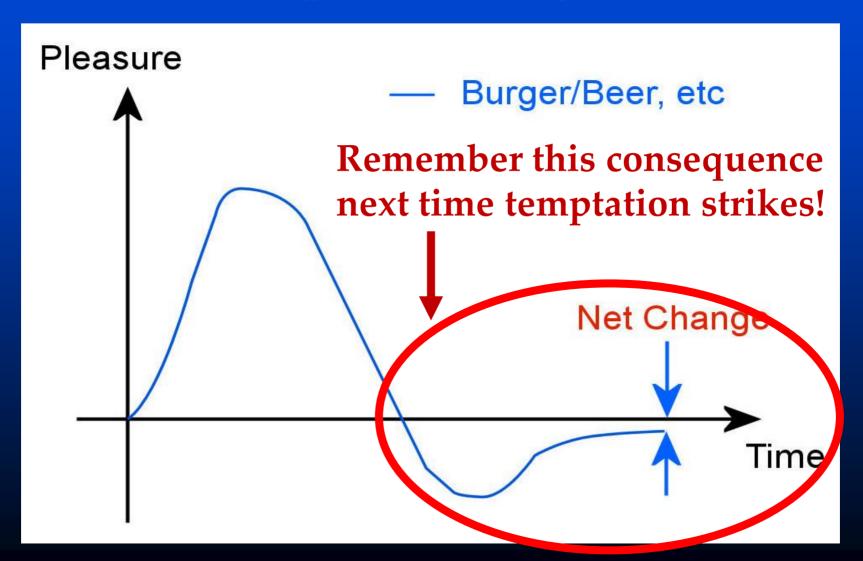
Emotion Curve – Example 1

Arc of Temptation – Burger & Beer



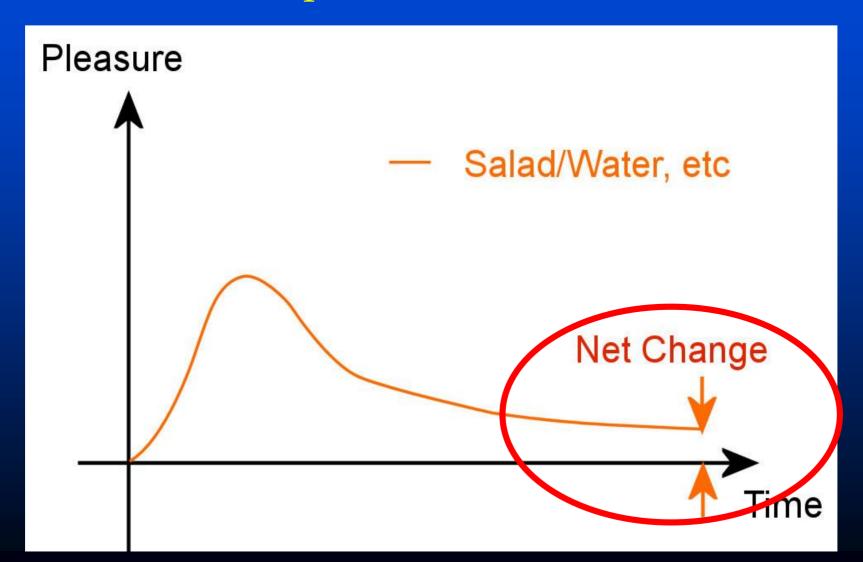
Emotion Curve – Example 1

Arc of Temptation – Burger & Beer



Emotion Curve Example 2

Arc of Temptation – Salad & Water



Any Resistance to a Salad Every Day?

The secret to happiness? Eat more fruit and veg! Munching up to 8 portions a day 'improves well-being within months'

- . Study found the more portions we eat, the better life satisfaction score
- · Going from none to 8 portions was likened to getting a job if unemployed
- · Believe reason could be down to increase in antioxidants in the blood

By KATE PICKLES FOR MAILONLINE

PUBLISHED: 05:48 EST, 11 July 2016 | UPDATED: 06:08 EST, 11 July 2016

It's long been said that eating fruit and vegetables is good for you health - but now it seems it can make you happier too.

A new study of 12,000 people found the more we eat, the better life satisfaction scores we have.

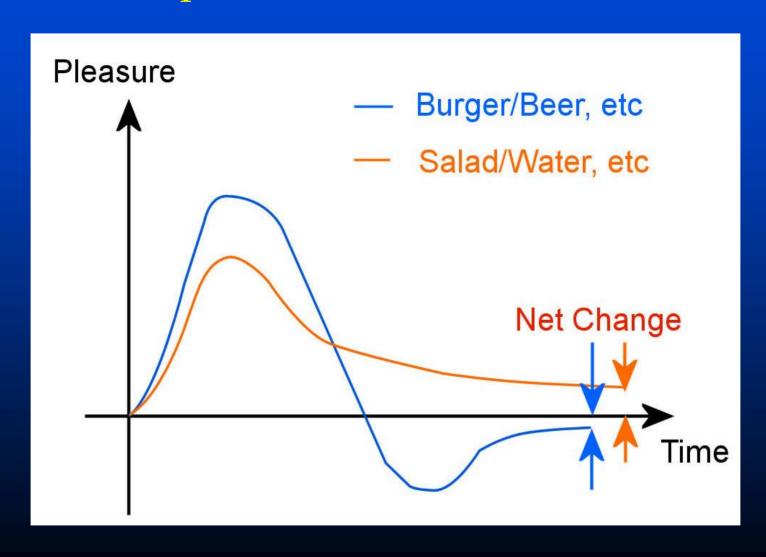
Happiness benefits were detected for each extra daily portion of fruit and vegetables up to eight portions a day.

Researchers at the University of Warwick found the well-being improvements occurred within two years - far faster than health benefits.

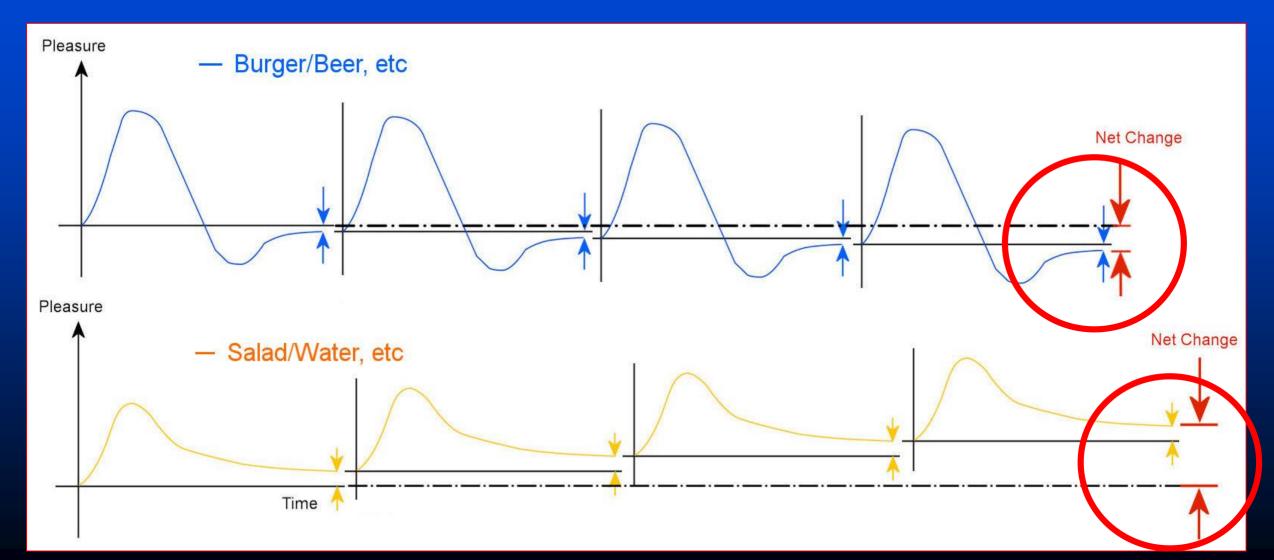
In the study, those who changed from almost no fruit and vegetables to eight portions a day experienced an increase in life satisfaction equivalent to moving from unemployment to having a job.

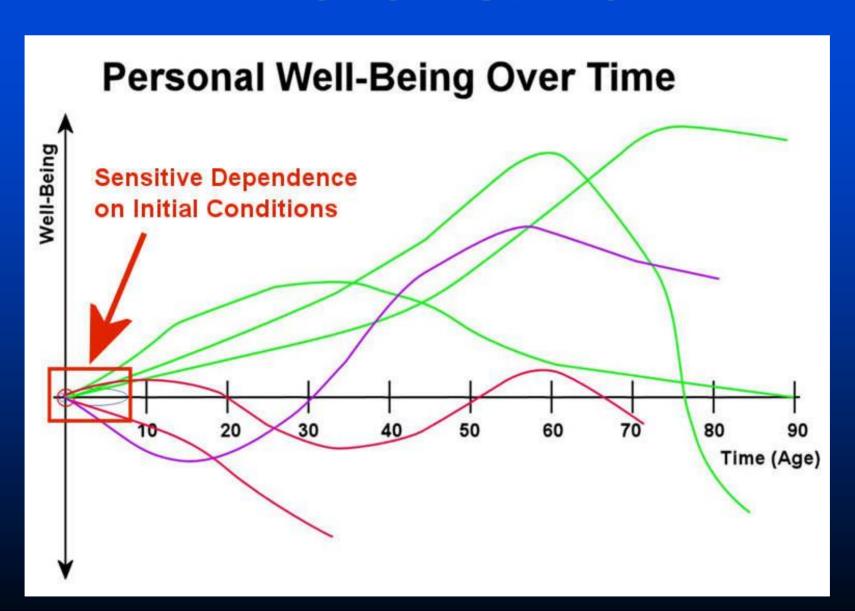


Emotion Curve Examples 1 & 2 Arc of Temptation and the Pleasure Curve



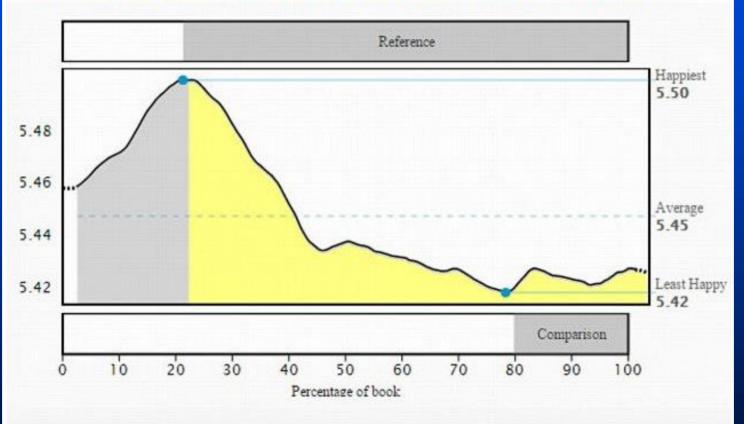
Emotion Curve Examples 1 & 2 The Pleasure Curve – Long Term Effects





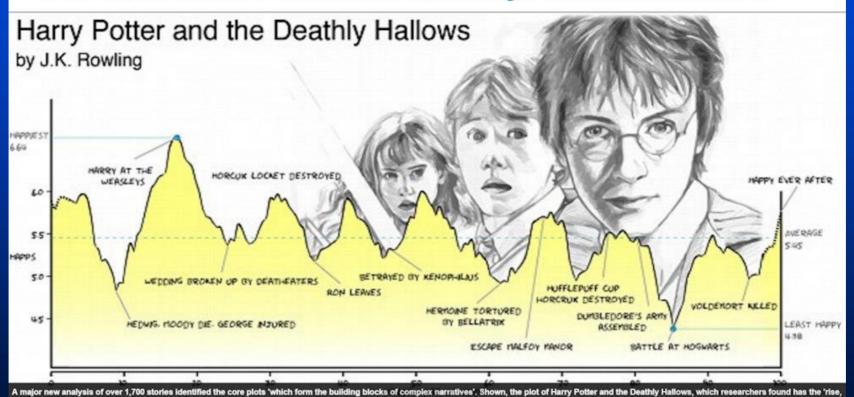
The concept of an Emotion Curve has been used to compare story arcs. Software based lexical analysis was applied to 1700 classic stories, where the words used along the story line were scored on a "happiness scale" to see and show how the level of happiness changed throughout the story arc.

Emotion Curve for Romeo & Juliet

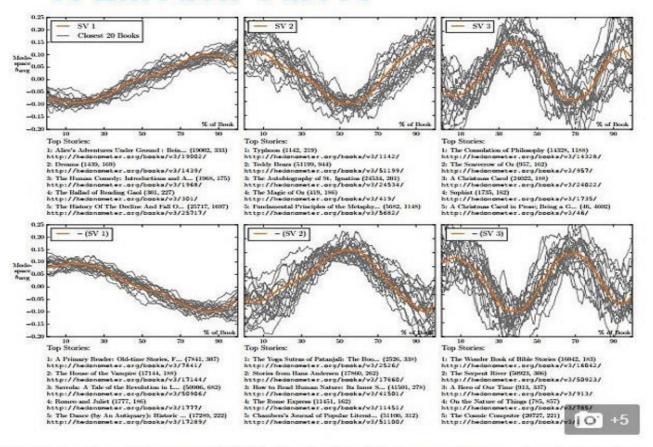


Researchers scanned over 1,700 stories into a computer and used data-mining to find words that convey positive or negative emotion in order to reveal the most commonly used plots. Shown in the graph is one of the 6 plots, 'Steady fall' and results when the team analyzed Romeo and Juliet

Emotion Curves are used to analyze stories & films

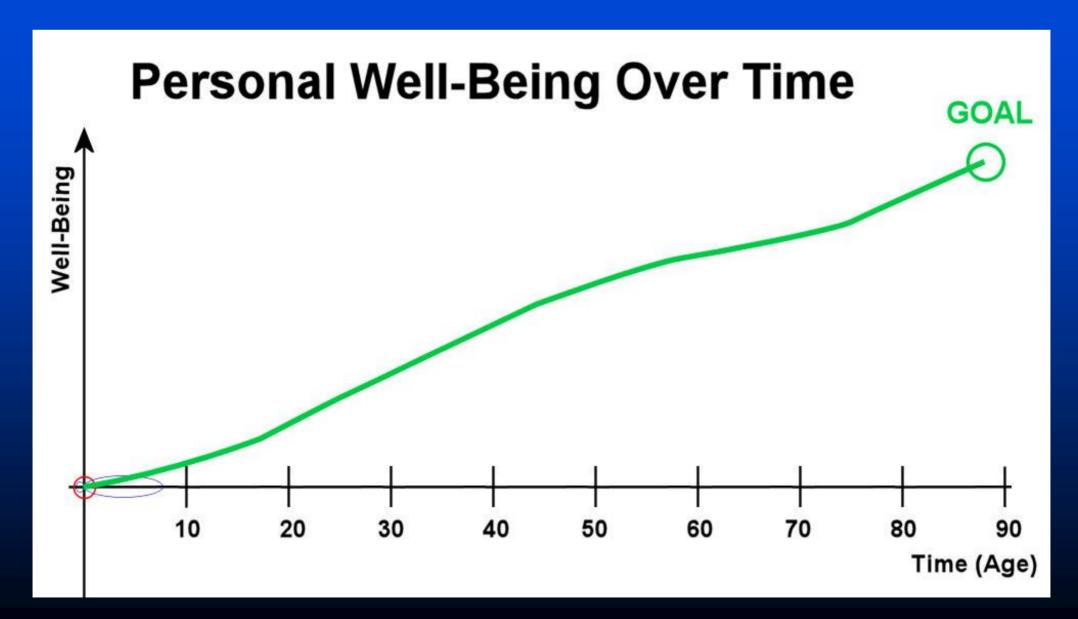


From a study of 1,700 stories, researchers found just SIX types of Emotion Curves



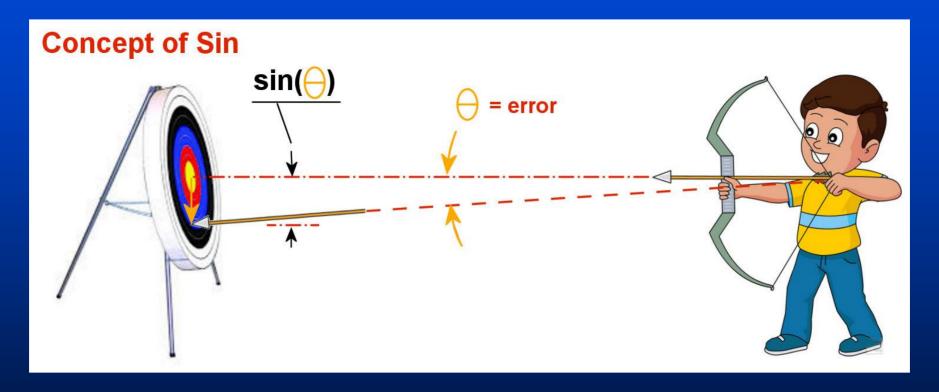
From Cinderella and Romeo and Juliet to the stories of Oedipus and Icarus, almost every story conforms to one of just six plots, researchers have claimed. The six in order: Rise, Fall-rise, Rise-fall-rise, Fall-rise, Fal

Emotion Curve - Ideal



How to Reduce Emotional Impedance

Step 1: Recognize that you fall short of the mark (humility)



Step 2: Always seek to better understand & improve your condition (error detection and correction)

Quotes on Habits - Negative Aspect

Feeling sorry for yourself, and your present condition, is not only a waste of energy but the worst habit you could possibly have. -- Dale Carnegie

The real key is to live in an environment where the mind feels free to choose the right thing instead of being compelled by habit and inertia to choose the wrong thing. -- Deepak Chopra

Quotes on Habits - Positive Aspects

Excellence is an art won by training and habituation: we do not act rightly because we have virtue or excellence, but rather have these because we have acted rightly; these virtues are formed in man by doing his actions; we are what we repeatedly do. Excellence, then, is not an act but a habit.

- Will Durant, The Story of Philosophy (1926)

Lowering Emotional Impedance Improves your ability to connect with God

Trend	Action Basis	High Impedance	Low Impedance	Action Basis	Trend
Sin	Error Fear	Arrogance Apathy Doubt	Humility Will Faith	Truth Love	God
Choice of Lifestyle:					
	1	Problematic Behavior	Ideal Behavior	†	oz 1
1	Guiding Principles			Guiding Principles	1
Resulting Direction			·	To-	Resulting Direction

Special Note

This video (Emotion Dynamics) is Part 2 of a 2-part presentation.

Part 1 is "Analogy and Duality" and explores the theoretical basis for the circuit impedance model of Emotion Dynamics.

Thank you!

For more info: milesresearch.com/ggg999

If you have any comments or ideas, contact me:

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