





#### **VIII VAM MEETING**

Aix en Provence (F), 18 - 19 - 20 October 2013

# SOLITONS INDUCTION BY TUINA IN THE HORSE

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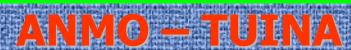
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按摩



pressing/rubbing - pressing/grasping

MOVING QI (Energy) and XUE (Blood)
REGULATING ZANG — FU FUNCTIONS
RESTORING YIN/YANG BALANCE









# ANMO—TUINA 指

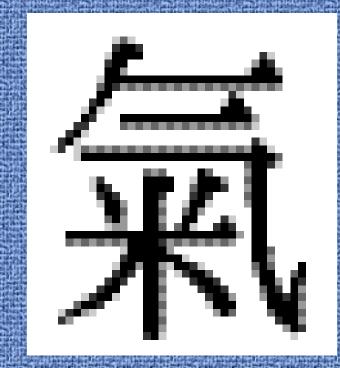


- BAI DONG FA (Shaking / Swinging)
- MO CA FA (Friction by palm of the hand)
- JI YA FA (Squeezing)
- ZHEN DONG FA (Trembling)
- KOU JI FA (Percussing)
- SPECIAL MANIPULATIONS for PASSIVE JOINT MOVEMENTS





# TRADITIONAL CHINESE MEDICINE















# ENERGETIC CHANNELS

Darras, J. C., de Vernejoul, P., Albarede, P. (1992):

Nuclear medicine and acupuncture: a study on the migration of radioactive tracers after injection at acupoints

American Journal of Acupuncture 20(3): 245-256.

**Tc** (98)

**TECHNETIUM (SURVEING BY 7 RAY)** 

(It derives from Molybdenum bombarded by Deuterium 2H)

.

PATHWAYS OF ENERGETIC CHANNELS







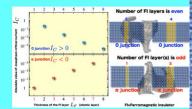


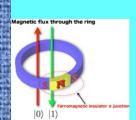


Longo F. - Giovanardi C. (2009)

#### **SQUID**

# SUPERCONDUCTING QUANTUM INTERFERENCE DEVICE









# **SOLITONS**



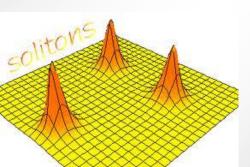
# **SOLITARY WAVES**



THEY PROPAGATE in LIVING SYSTEMS through NON HOMOGENEOUS MEDIUM of the EMPTY SPACE among ATOMS



# THEY TRANSPORT ENERGY and INFORMATION



**+** 

SIGNALS of SALIENT INTENSITY





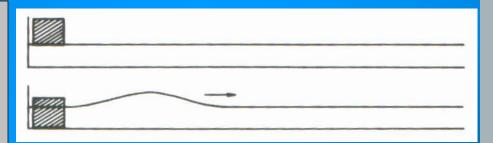
# **SOLITONS**

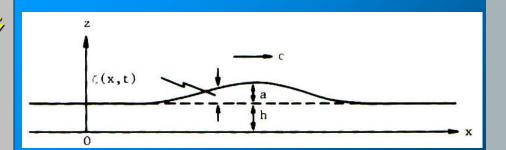




when the boat suddenly stopped-not so the mass of water in the channel with had put in motion; it assumed the form of a large solitary elevation, a rounded, smooth and well-defined heap of water, with continued its course along the channel apparently without thange of form or diminution of speed,

preserving its original figure







# **SOLITONS**

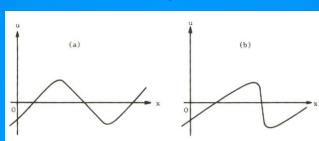


D.J. Korteweg – G. De Vries (1895)

$$\frac{\partial \zeta}{\partial t} = \frac{3}{2} \sqrt{\frac{g}{h}} \left( \zeta \frac{\partial \zeta}{\partial x} + \frac{2}{3} \alpha \frac{\partial \zeta}{\partial x} + \frac{1}{3} \sigma \frac{\partial^3 \zeta}{\partial x^3} \right)$$

# THE UPPER PART OF THE WAVE MOVES AT HIGHER SPEED THAN THE LOWER PART





**SHOCK WAVE - NON LINEAR WAVE** 



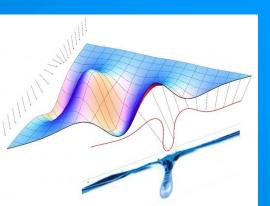


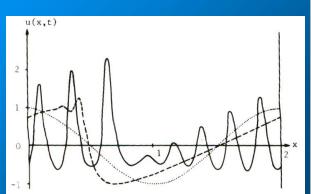
# **SOLITONS**

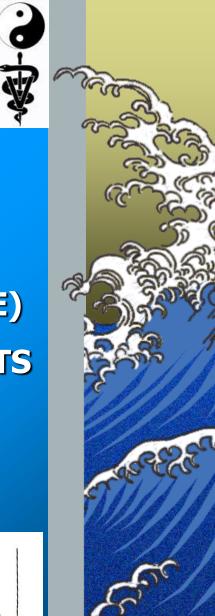




ENERGY PROPAGATES AS LOCALIZED PACKETS (THE ENERGY IS NOT DISPERSED)





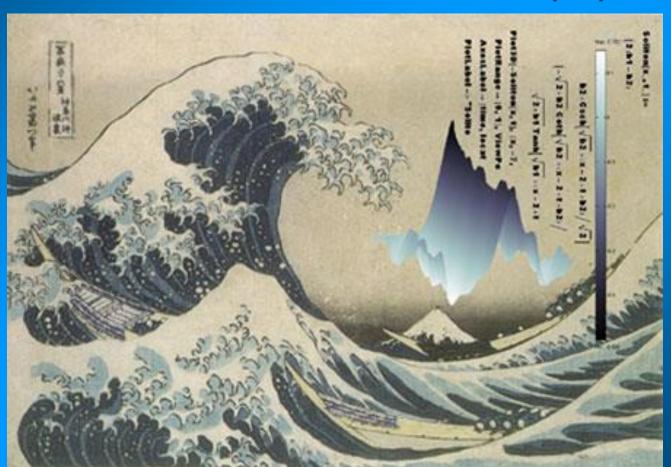




# **SOLITONS**

# KATSUSHIKA HOKUSAI

KANAGAWA-OKI NAMI-URA (1832)





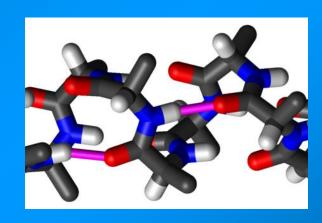




# **SOLITONS**

A.S. DAVYDOV (1979, 1982)

# SOLITARY WAVES PROPAGATE ALONG PROTEIN CHAINS









## **SOLITONS**



L.S. BRIZHIK (1998, 2003, 2009)

DYNAMIC PATHWAYS
ELECTROMAGNETIC SIGNALS

**ENERGETIC PACKETS TRAVEL WITHOUT DISPERSION** 

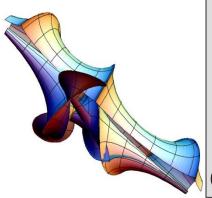
**SELF ORGANIZATION** 

**HEALTH** 

ENERGY

**INFORMATION** 

FLOW



**ILLNESS** 

**FLOW BLOCKING** 

**COHERENCE LACKING** 





#### LIVING BEING



#### **COHERENCE**

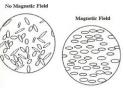
**ALL of PARTICLES FLOAT AGRING** with THEMSELVES

**COLLECTIVE OSCILLATION** 

(W. Nernst, 1916)

**MOLECULES SHAPE ONLY ONE MICROSTATE** (with NO ENTROPY)

**MACROSCOPIC BODY IS FOUNDED on RESONANT BINDING** 



**PASSAGE** from **NON COHERENT STATE** 

> **COHERENT STATE** (ENERGY SAVING)

**ENERGY EMISSION to OUTSIDE** 





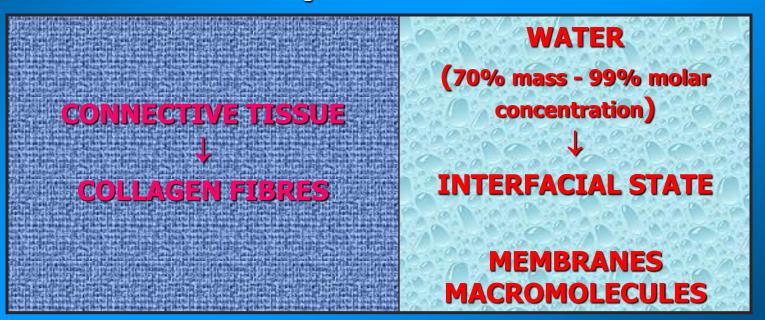




## **SOLITONS**

E. DEL GIUDICE

# THE LIVING MATTER CAN BE DESCRIBED AS A LIQUID CRYSTAL



THEY SUPPORT THE SOLITONS FLOW



# SOLITONS INDUCTION BY TUINA SOLITONS



MERIDIANS COINCIDE with LONG MOLECULAR CHAINS in CONNECTIVE

 $\downarrow$ 

ACUPOINT STIMULATION
(NEEDLES – MOXA – TUINA - LASER)

STABLE TRAFFIC of SOLITONS ALONG MERIDIANS

**BIOLOGICAL EFFECTS** 





**PRINCIPLE of WEBER – FECHNER** 

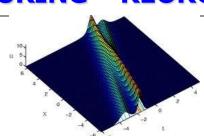
 $p = k \ln \frac{S}{S_0}.$  STIMULUS MORE LIGHT than THRESHOLD STIMULUS

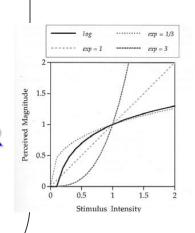
**INCREASE of the RESPONSE** 

THE RESPONSE IS ADDRESSED to the INNER

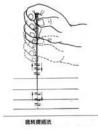
**ORGANISM OPERATES ON ITSELF** 

**RESTRUCTURING – REORGANIZATION** 

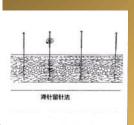


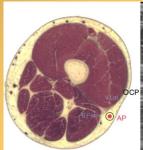


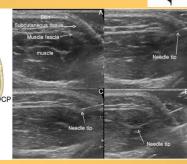




## **FASCIA**



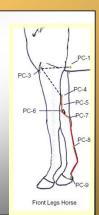


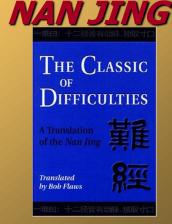


NETWORK of MERIDIANS EXISTS WITHIN FAT, GREASY MEMBRANES EXTENDING THROUGHOUT THE BODY AND CONNECTS ALL PARTS OF BODY



XIN BAO LUO
IT HAS MANDATE OF THE OFFICERS
IN HAEDQUARTER AND IN MISSION,
IT RADIATES CHEERFULNESS AND JOY









#### **LIVING MATRIX**



**MECHANICAL – NEUROLOGICAL FUNCTIONS** 

**ACUPUNCTURE** 

TUINA



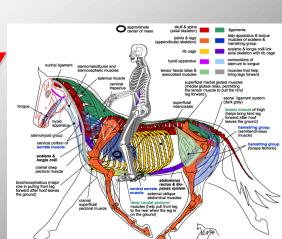
CYTOSKELETON RESHAPING (H.M. Langevin, 2006)

**INFORMATION FLOW by MECHANICAL STIMULI** 

## **TENSEGRITY**

(INTEGRITY TENSIONAL SYSTEM)

CHANGING THE TISSUE SHAPE
IT CHANGES THE
BEHAVIOUR







#### **ENGRAMS**



#### **ENGRAMS**

**COOPERATION SCHEME OF THE NERVOUS BUNDLES AT NCS LEVEL** 

> TRACES OF INFORMATIVE CONTENTS

> > **NEUROGRAMMA**

**MEMORY** 



#### **ENGRAMS**

**ENVIROMENTAL STIMULI** 

**ILLNESS** 

**BIOCHEMICAL PRODUCTS** 

(ALLOPATHIC DRUGS)

**NERVOUS ALTERATIONS** 

PERMANENT BIOCHEMICAL MODIFICATIONS

PERSISTENT or RECURRENT or SEASONAL

DISEASES



#### **ENGRAMS**



 HIPPOCAMPUS AMYGDALA

• PAG

CEREBELLAR CORTEX

CEREBELLAR NUCLEUS









3 GATES - 9 WORMS

**GOLDEN BUG** 

STOMACH WORM

**LUNG WORM** 

**OBSTACLE WORM** 

**GREEN WORM** 

**FLESH WORM** 

WHITE WORM
DRAGON WORM

**PROSTRATE WORM** 

\*\*\*

**LOWER GATE** 

MIDDLE GATE
HIGHER GATE

#### **SOLITONS INDUCTION BY TUINA**

CV 1 (Huiyin)

CV 8 (Shengue)

CV 1 (Huiyin)

CV 8 (Shengue)

CV 17 (Shanzhong)

BL 11 (Dazhu)

CV 23 (Lianguan)

Yin Tang

GV 20 (Baihui)

## **ENGRAMS**

ACUPOINT

GV 1 (Changchiang)

GV 3 (Yao Yangguan)

GV 4 (Mingmen)

GV 5 (Xuanshu)

GV 6 (Jizhong)

GV 11 (Shendao)

GV 13 (Taodao)

GV

GV 16 (Fengfu)

\*\*\*

GV 4 (Mingmen)

GV 12 (Shenzhu)

GV 16 (Fengfu)

	CV 17 (Shanzhong)	
	*	
	CV 23 ( <i>Lianquan</i> )	
	Yin Tang	
	<b>G</b> V 20 (	Baihui)
FUNCTIONS		
KUNDALINI		
Tonify KI Qi and Yang		
Tonify KI Qi and Yang		
Regulates SP Qi and Yang		
Tonify SP and KI/ Removes Dampness		
Regulates HT Qi and		

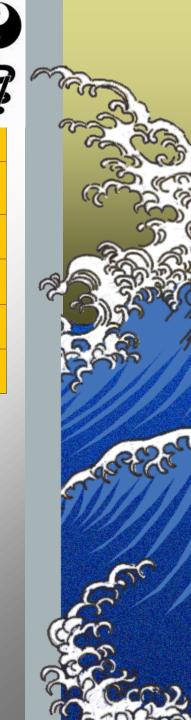
**Diffuses LU Qi** 

**Removes Wind** 

\*\*\*
Tonify KI Qi and Yang

Regulates LU Qi

**Removes Wind** 





#### **TUINA**

#### **MANUAL MEDICINE / INFORMATIVE STIMULI**











RE-DISTRIBUTION OF CEREBROSPINAL FLUID (SOLITONS INDUCTION)

**RE-ORGANIZATION OF THE INNER ENERGY** 

**GREAT FLOW of ENERGY and INFORMATION** 





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## **SOLITONS INDUCTION BY TUINA**

## **THERAPY**

#### **HEALTHY RELATIONSHIP LINK BASED on PHASE RESONANCE**

ENERGY	TECHNIQUE
LIGHT ENERGY	LASERPUNCTURE
MECHANIC ENERGY	TUINA  MASSAGE THERAPY
THERMAL ENERGY	ACUPUNCTURE ELECTROACUPUNCTURE MOXIBUSTION
CHEMICAL ENERGY	HYDROACUPUNCTURE HAEMOACUPUNCTURE
MIND ENERGY	THINKING - INTENTION





