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# Pond Science Institute

## April, 2017

*"There is nothing in the range of [philosophy](#) which so satisfies the [intellect](#) as the comprehension of this wondrous system of **sympathetic association**, planned by the [Creator](#) of the [celestial](#) and [terrestrial](#) universe, for the [government](#) of all forms of [matter](#)." Keely*



Foundry Furnace

**An SVP video**

An excellent summary video ( $\pm 37$  minutes) on what we are about with Keely's and Russell's works:

<https://www.youtube.com/watch?v=14FUnJ2zzbI>

## Keely's Forty Laws of Sympathetic Vibratory Physics

To know and understand Keely's science of Sympathetic Vibratory Physics we need to understand the forty laws he left us. The first series of newsletters begun in 1985 and continuing until 1990 featured one of his laws every month. It was a pleasure to write all those articles digging ever deeper into his concepts and work. A lot was learned from that exercise and I have learned so much since then so why not repeat the series all over again - writing from scratch about each law? My knowledge and insight into SVP since those early days has grown immensely so it is time for a fresh review of those laws.

### Law of Oscillating Atoms

"All **atoms** when in a state of **tension** are capable of oscillating at a **pitch** inversely as the **cube** of their **Atomic weights**, and directly as their **tension** from 42 to 63 octaves per **second**, producing the **creative force** (**Thermism**), whose **transmissive force** (**Rad-energy**) propagated in solid, liquid, and gaseous **ether**, produces the **static** effects (**Cohesion** and **Chemism**) on other **atoms** of **association**, or **dissociation**, according to the **Law of Harmonic Attraction** and **Repulsion**.

**Scholium:** Dark radiant **heat** begins at absolute zero **temperature**, and extends through **light**, **chemcial rays**, **actinic** rays, and infra-violet rays, up to the **dissociation** of all molecules to the 63rd octave." [Keely, pre 1894]

It has been deduced Keely was at times and for specific purposes using atomic substances as Creative resonators whose vibratory

(heat) emissions could be used to influence or modulate other substances. In the vibration range given "42 to 63 octaves" the atomic substance would be thermally excited (heated). The above law provides a method to calculate precise frequencies. The resultant thermal emissions (heat) when specifically controlled would produce [association](#), [dissociation](#) and other physical and chemical effects such as melting, alloying and the like. All this seems trivial and not anything new until the Laws of Harmony and Repulsion are considered. A review of the Bjerknes Effect and Sympathetic Association might be in order.

## **The PSI Foundry - Metal Casting**

One of the more fascinating adventures around here has been sand casting lead-free pewter to make Outer Ring Support parts for Dynaspheres. We also need to cast in lead-free yellow brass the Inner Ring or Drum. In the past we have farmed this out to various other sources but it has come time to cast our own. Casting brass is different than casting low temperature pewter. Pewter melts at up to 600° F but brass requires as much as 1700° F. That is a lot of potentially dangerous heat and molten metal. To do this with safety requires the construction of the necessary tools and equipment. We are building everything from scratch; the furnace, crucible, handling equipment and casting box.



The melting furnace and crucible.

## **PSI Project Development**

We have a number of projects in various stages of progress. Our Solar Concentrator Project is designed extra large [8' X 8' mirror surface area] is to produce low pressure steam. Our building has an ancient but working low pressure steam heat system operating at or below 10 psi. Our furnace runs on expensive Natural Gas. This prototype Solar Concentrator will make steam that can be piped directly into the existing steam plumbing with minimal expense. This design is not intended to fully heat our building. It is designed to raise the background temperature as much as 10 to 20°F degrees during the day time. Should we desire more heat throughout the building we can replicate this unit as many times as needed.







Attaching the mirror

The process of attaching the mirrors to the frame is underway. Attaching the mirror to the frame has revealed a number of structure and assembly discrepancies that need correction before we can proceed. We also had to construct a "fitting fixture" that gently presses against the face of the mirror to hold it in alignment as it is attached to the frame.

There are several YouTube videos showing low pressure

steam generating Solar Concentrator systems. One such video is [HERE](#). Our reflecting surface is twice the square footage of the one in the video.

### **Solar Power Reaches 97% Efficiency**

Scientists at The Australian National University (ANU) have set a world record for efficiency for a solar thermal dish generating steam that could be used for power stations. The team designed and built a new receiver for the solar concentrator dish at ANU, halving losses and achieving a 97% conversion of sunlight into steam. This is an amazing conversion percentage even higher than nuclear fission. See more here:

<https://solarthermalmagazine.com/2016/12/04/world-record-solar-thermal-dish-generator-efficiency-97/>

### **Solar Energy around the world**

Capturing and using Free Energy from the Sun has gone exponential

<http://www.treehugger.com/renewable-energy/striking-chart-showing-solar-power-will-take-over-world.html>

### **Steam from Solar Concentrator**

[https://www.youtube.com/watch?v=AX0IBI\\_mR-w](https://www.youtube.com/watch?v=AX0IBI_mR-w)

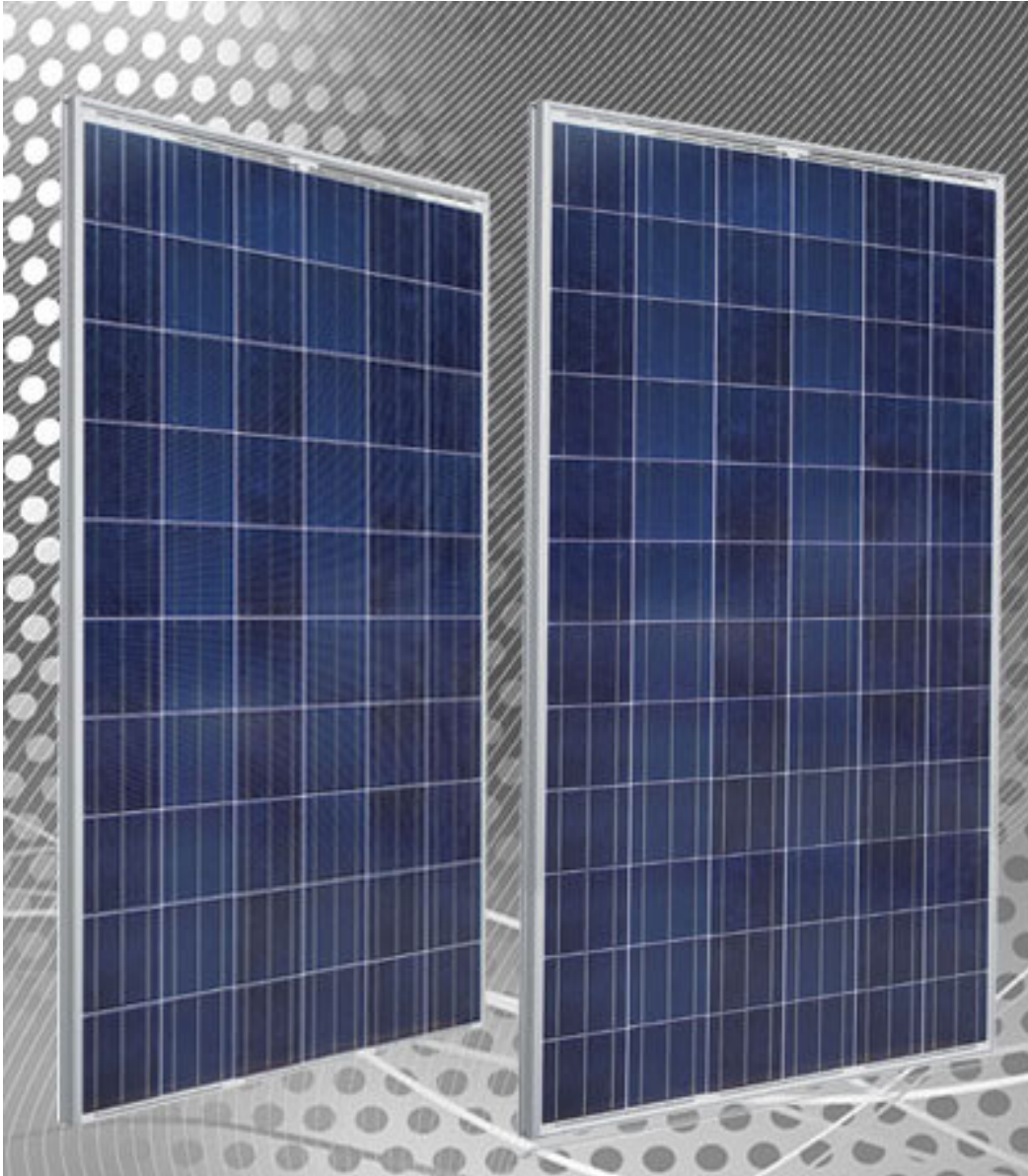
### **Steam from Solar Dishes**

<https://www.youtube.com/watch?v=n4kwPnzmLKc>

### **Electricity from the Sun**

Wonders and miracles never cease around here! We were gifted twelve photovoltaic solar panels! Each 39" x 65" panel produces 285 watts of power for a total of 3,420 watts. This is enough electricity to power all the 110 volt needs of our building but not the 220 v three-phase requirements in the Metal Shop which will continue to be

powered by the grid. Plans are being developed to install these panels as soon as possible. Expect photos soon!



SilFab Solar Modules

## **Supporting PSI** is now tax deductible

*"Equal interchange between opposite conditions manifests the love principle of [balance](#) upon which [God's](#) universal body is founded."* [[Russell, The Message of the Divine Iliad](#), page 76-77]

The PSI building is in dire need of new shingles and some



window replacements. Already there are leaks in the south facing slope. Please help! Call or email for additional information on tax deductible donations and receipts.

**Generosity** - crowdfunding raising funds for preservation of PSI facilities and assets:

<https://www.generosity.com/education-fundraising/preserving-the-pond-science-institute>

The Pond Science Institute has been gifted eighteen solar panels! We will install these during the summer. The power they produce will help to offset the sometimes considerable electric bills and maybe make a bit of income from the power company.

### **SVP Membership**

Membership has its advantages and benefits! <http://www.svpwiki.com/Subscribe>

Notices and news for Members Only. (Must be logged in to view.)

**A Gift!** - FREE ebooks/pdfs for download (to be added to from time to time): <http://www.svpwiki.com/pdf/files/>



**SVPBOOKSTORE**

Our shopping cart software was recently moved to a more modern and secure server. Other changes will be coming too such as making purchases without having to login and special discounts for members.

Our shopping cart accepts Visa, MasterCard, American Express, PayPal and an assortment of crypto currencies.



### **Discount an Additional 10% Off!!!**

The svpbookstore.com is issuing a 10% discount coupon (on purchases over \$20.00)! The coupon code is valid to **June 01, 2017**. Simply select your items and enter this coupon code during check out: **SVPRC-10%**

### **The Physics of Love 2.0**

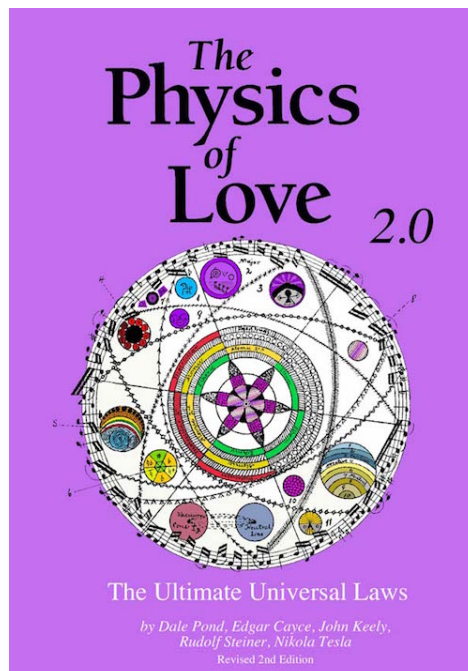
This new edition of The Physics of Love brings this important work up to date with what has been learned about SVP since the book was first published in 1994. This rewrite is a major rewrite and reorganization of old

and new materials including many new illustrations detailing what Love is. The material is extensively referenced and footnoted. Those who have read the first edition will agree the material has been massively reworked into a coherent whole explaining the basic physics and connections of and between matter, energy, music, geometry, polarity, color, vibration, Love, Spirit and Mind. This 2.0 edition is dedicated to Dr. Masaru Emoto because of his fine work with vibrations and the power of thought on our environment and things in it. 162 pages, 8 1/2" X 11" Perfect Bound. The new 2.0 edition can be ordered here:

[http://svpbookstore.com/index.php?](http://svpbookstore.com/index.php?main_page=product_info&cPath=33&products_id=601.html)

[main\\_page=product\\_info&cPath=33&products\\_id=601.html](http://svpbookstore.com/index.php?main_page=product_info&cPath=33&products_id=601.html)

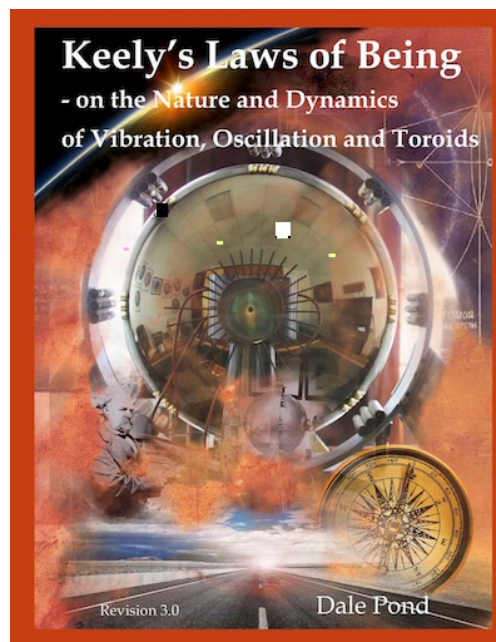
"This is your best book ever!" Jerry Williams



The Physics of Love 2.0

## Keely's Laws of Being - 3, 6 & 9

Keely's "Laws of Being" appear to be the source of Nikola Tesla's famous quote: *If you knew the magnificence of 3, 6 and 9, then you would have the key to the universe.* In this book you will learn: 1) what Tesla thought so important about these numbers, 2) how to access this long lost knowledge, 3) how to apply it to your research, work and experiments, 4) that forces, of whatever kind, are a triune combination of subtler polar forces in discrete ratios and proportions, 5) what these subtler polar forces are, 6) all things are connected 7) what the connecting link is, why and how it works 8) all individuals are connected through laws and principles. This awareness, about the hitherto ignored inner nature of vibration, motion and power, can and will cause a massive yet positive shift in all branches of science, engineering and society as a whole. Read more information about this book in the [svpwiki.com](http://svpwiki.com) here. Order here.



Keely's Laws of Being **3.0**

## Testimonials



"Brilliant! Dale, this is your best work ever. I can tell it is inspired. For the first time I can read at the beginning and it builds up mental images in a concise manner of how Keely was able to manipulate vibration, power, force and energy. Everyone interested in understanding Keely's work ought to read this book as a first introductory step."  
Jerry Williams

"Your latest book, Keely's Laws of Being 3.0, is a joy for me to read. Like Jerry states, it is coherent. I find it logical, enlightened and enlightening. You have done a fantastic job of explaining physical phenomenon in terms of Keely and Russell, especially in terms of the sympathetic nature of Love. Those are ideas that I can hold in my consciousness during my daily activities. The act of observing and being aware of the sympathetic connection heightens and magnifies my experience of the joy, happiness and love in which we have our being." C.

"The most important book in my library. My obsession."  
Jeremy Pfeiffer

"The edition I have is simply the best and over encompassing manual I ever studied." BC

Our purpose at the Pond Science Institute is to Awaken to higher levels of consciousness or Cause - not just phenomena on the 3D sense level (classical physics) of Effect. In the higher realm of Cause we work with ideas, intuition, art and subtle energy physics (nonclassical physics) thus building the Connecting Link between these two realms in Mind, Heart, Body and Energy. Three good examples of Awakened individuals are Edgar Cayce, Walter Russell, Phineas Quimby, Nikola Tesla and John Keely. We will stay focused on this purpose and mission.