

Discipleship:  
An  
Introduction to  
Systematic Theology and  
Apologetics

The Doctrines of Creation:

The Heights Church April 10, 2016

# The rational origin of the universe

**There are three classic arguments for the existence of God.**

- 1. The Ontological Argument: God has the power of being.**
- 2. The Cosmological Argument proceeds via Cause and Effect from the existence of the universe to conclude an eternal being created the universe out of nothing.**
- 3. The Teleological Argument: The universe was created by an intelligent being because of the order of the universe (Romans 1:19-20)**

# The Cosmological Argument Review

**In the beginning, God created the heavens and the earth. Genesis 1:1**

**For what can be known about God is plain to them, because God has shown it to them. For his invisible attributes, namely, his eternal power and divine nature, have been clearly perceived, ever since the creation of the world, in the things that have been made. So they are without excuse. Romans 1:19-20**

**Of old you laid the foundation of the earth, and the heavens are the work of your hands. They will perish, but you will remain; they will all wear out like a garment. You will change them like a robe, and they will pass away, but you are the same, and your years have no end. Psalm 102:25-27**

# The Cosmological Argument Review

Only four possibilities for the origin of the universe have ever been proposed.

1. The universe is an illusion. It does not exist. **UN TRUE**
2. The universe has the power of being and is therefore eternal.  
**DOES NOT SQUARE WITH EMPIRICAL SCIENTIFIC DATA**
3. The universe “popped into existence without a cause. It simply happened. Essentially it created itself in a chicken and egg scenario. **IRRATIONAL**
4. The universe was created by an eternal being (God).

# The Cosmological Argument

## **God created the universe.**

- **This is the only possibility that remains.**
- **It does not violate the fallacy of the false dilemma because there are no other possibilities that have ever been proposed.**
- **It does not violate out of nothing, nothing comes because God is not nothing! Indeed, out of God everything comes!**
- **Just because we do not understand how God created the universe, does not mean that God did not create the universe.**
- **Unbelief is irrational so we should not expect rational argument to persuade an unbeliever prior to the unbeliever experiencing true conversion.**

# The Cosmological Argument

## **God created the universe.**

- **What caused God? There are two misunderstandings in this question.**
- **Eternal does not require cause because it always existed. However, if something is not eternal, then a cause is required for it to begin.**
- **Not everything requires a cause. The Law of Cause and Effect does not say everything requires a cause, BUT every effect has a cause.**

# A Teleological Argument for the Inanimate Universe

**Periodic Table of the Elements**

Atomic Number  
 Boiling Point  
**Symbol**  
 Name  
 Atomic Mass

Normal boiling points are in °C.  
 SP = Triple Point  
 Pressure is listed if not 1 atm.  
 Allotrope is listed if more than one allotrope.

1 IA 1A H Hydrogen 1.008 -252.762	2 IIA 2A Be Beryllium 9.012 2471																	18 VIIIA 8A He Helium 4.003 -268.93					
3 Li Lithium 6.941 1342	4 Be Beryllium 9.012 2471																	13 IIIA 3A B Boron 10.811 4000	14 IVA 4A C Carbon 12.011 graphite 3825 SP	15 VA 5A N Nitrogen 14.007 -195.798	16 VIA 6A O Oxygen 15.999 -182.953	17 VIIA 7A F Fluorine 18.998 -188.12	18 VIIIA 8A Ne Neon 20.180 -246.053
11 Na Sodium 22.990 882.940	12 Mg Magnesium 24.305 1090	3 IIIB 3B	4 IVB 4B	5 VB 5B	6 VIB 6B	7 VIIB 7B	8 VIII 8	9 VIII 8	10 VIII 8	11 IB 1B	12 IIB 2B	13 IIIA 3A Al Aluminum 26.982 2519	14 IVA 4A Si Silicon 28.086 3265	15 VA 5A P Phosphorus 30.974 white 280.5	16 VIA 6A S Sulfur 32.066 444.61	17 VIIA 7A Cl Chlorine 35.453 -101.5	18 VIIIA 8A Ar Argon 39.948 -185.847						
19 K Potassium 39.098 759	20 Ca Calcium 40.078 1484	21 Sc Scandium 44.956 2836	22 Ti Titanium 47.88 3287	23 V Vanadium 50.942 3407	24 Cr Chromium 51.996 2671	25 Mn Manganese 54.938 2061	26 Fe Iron 55.933 2861	27 Co Cobalt 58.933 2927	28 Ni Nickel 58.693 2913	29 Cu Copper 63.546 2562	30 Zn Zinc 65.39 907	31 Ga Gallium 69.732 2204	32 Ge Germanium 72.61 2833	33 As Arsenic 74.922 616 SP	34 Se Selenium 78.972 685	35 Br Bromine 79.904 58.8	36 Kr Krypton 84.80 -153.34						
37 Rb Rubidium 84.468 688	38 Sr Strontium 87.62 1382	39 Y Yttrium 88.906 3345	40 Zr Zirconium 91.224 4409	41 Nb Niobium 92.906 4744	42 Mo Molybdenum 95.95 4639	43 Tc Technetium 98.907 4265	44 Ru Ruthenium 101.07 4150	45 Rh Rhodium 102.906 3695	46 Pd Palladium 106.42 2963	47 Ag Silver 107.868 2162	48 Cd Cadmium 112.411 767	49 In Indium 114.818 2072	50 Sn Tin 118.71 2602	51 Sb Antimony 121.760 1587	52 Te Tellurium 127.6 988	53 I Iodine 126.904 184.4	54 Xe Xenon 131.29 -108.09						
55 Cs Cesium 132.905 671	56 Ba Barium 137.327 1897	57-71 Lanthanide Series	72 Hf Hafnium 178.49 4603	73 Ta Tantalum 180.948 5458	74 W Tungsten 183.85 5555	75 Re Rhenium 186.207 5596	76 Os Osmium 190.23 5012	77 Ir Iridium 192.22 4428	78 Pt Platinum 195.08 3825	79 Au Gold 196.967 2856	80 Hg Mercury 200.59 356.62	81 Tl Thallium 204.383 1473	82 Pb Lead 207.2 1749	83 Bi Bismuth 208.980 1564	84 Po Polonium [208.982] 962	85 At Astatine 209.987 337	86 Rn Radon 222.018 -61.7						
87 Fr Francium 223.020 677	88 Ra Radium 226.025 1737	89-103 Actinide Series	104 Rf Rutherfordium [261] unknown	105 Db Dubnium [262] unknown	106 Sg Seaborgium [266] unknown	107 Bh Bohrium [264] unknown	108 Hs Hassium [269] unknown	109 Mt Meitnerium [268] unknown	110 Ds Darmstadtium [269] unknown	111 Rg Roentgenium [272] unknown	112 Cn Copernicium [277] unknown	113 Uut Ununtrium unknown unknown	114 Fl Flerovium [289] unknown	115 Uup Ununpentium [273] unknown	116 Lv Livermorium [293] unknown	117 Uus Ununseptium unknown unknown	118 Uuo Ununoctium unknown unknown						

	57 La Lanthanum 138.906 3464	58 Ce Cerium 140.908 3443	59 Pr Praseodymium 140.908 3520	60 Nd Neodymium 144.24 3074	61 Pm Promethium 144.913 3000	62 Sm Samarium 150.36 1794	63 Eu Europium 151.966 1529	64 Gd Gadolinium 157.25 3273	65 Tb Terbium 158.925 3230	66 Dy Dysprosium 162.50 2567	67 Ho Holmium 164.930 2700	68 Er Erbium 167.26 2868	69 Tm Thulium 168.934 1950	70 Yb Ytterbium 173.04 1196	71 Lu Lutetium 174.967 3402
	89 Ac Actinium 227.028 3198	90 Th Thorium 232.038 4788	91 Pa Protactinium 231.036 4027	92 U Uranium 238.029 4131	93 Np Neptunium 237.048 4174	94 Pu Plutonium 244.064 3228	95 Am Americium 243.061 2011	96 Cm Curium 247.070 3100	97 Bk Berkelium 247.070 2627	98 Cf Californium 251.080 unknown	99 Es Einsteinium [254] unknown	100 Fm Fermium 257.095 unknown	101 Md Mendelevium 258.1 unknown	102 No Nobelium 259.101 unknown	103 Lr Lawrencium [262] unknown

- Alkali Metal
- Alkaline Earth
- Transition Metal
- Basic Metal
- Semimetal
- Nonmetal
- Halogen
- Noble Gas
- Lanthanide
- Actinide