

A Inspiração Química



Lágrima de Preta

Encontrei uma preta
que estava a chorar,
pedi-lhe uma lágrima
para a analisar.

Recolhi a lágrima
com todo o cuidado
num tubo de ensaio
bem esterilizado.

Olhei-a de um lado,
do outro e de frente:
tinha um ar de gota
muito transparente.

Mandei vir os ácidos,
as bases e os sais,
as drogas usadas
em casos que tais.

Ensaiei a frio,
experimentei ao lume,
de todas as vezes
deu-me o que é costume:

Nem sinais de negro,
nem vestígios de ódio.
Água (quase tudo)
e cloreto de sódio.

A organização do Mundo

Empédocles, e depois Aristóteles — os quatro elementos

Presídio

Nem todo o corpo é de carne...Não, nem todo.

Que dizer do pescoço, às vezes mármore,

às linho, lago, tronco de árvore,

nuvem, ou ave, ao tato sempre pouco...?

e o ventre, inconsistente como o lodo?...

e o morno gradeamento dos teus braços?

Não, meu amor... Nem todo o corpo é carne:

é também água, terra, vento, fogo...

É sobretudo sombra à despedida;

onda de pedra em cada reencontro;

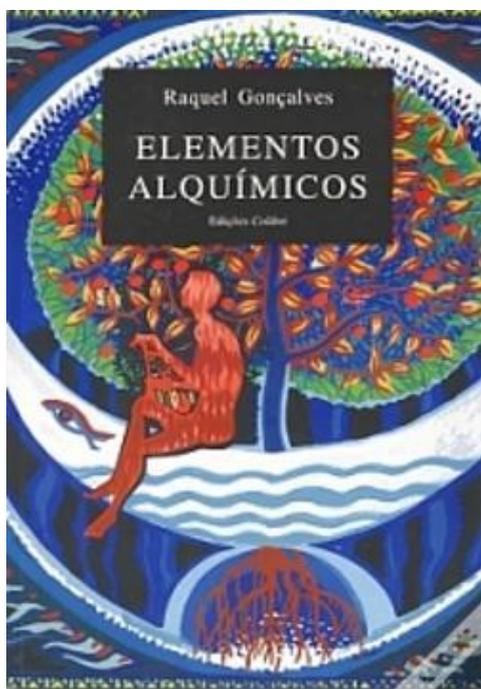
no parque da memória o fugidio

vulto da Primavera em pleno Outono...

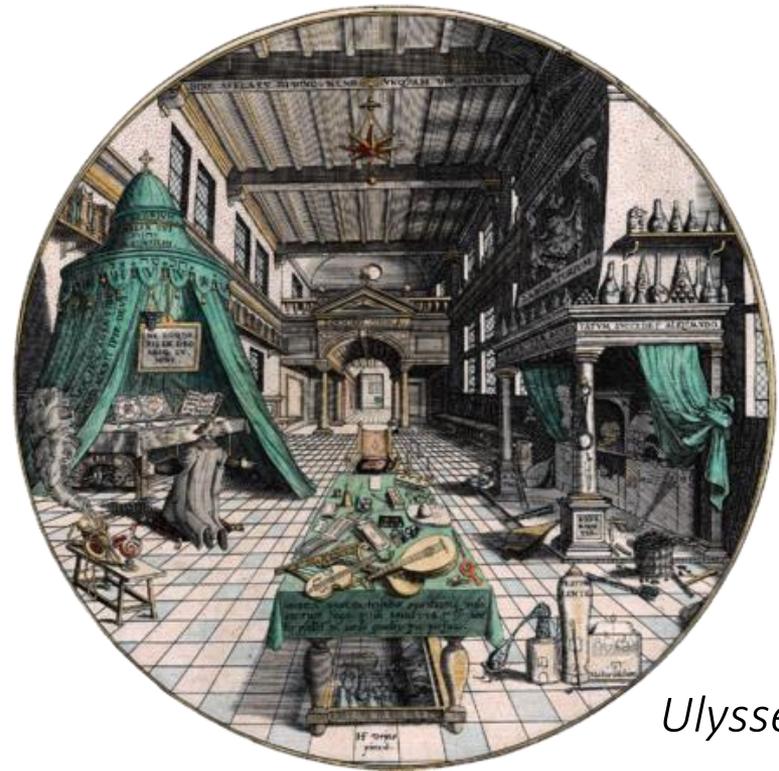
Nem só de carne é feito este presídio,

pois no teu corpo existe o mundo todo!

David Mourão Ferreira
A Arte de Amar



Alquimia



Ulysses (?)

Mármore capaz de tudo, e vento, porque não?
Mármore capaz de tudo, de tudo recolher
E transmudar em nada. De transmudar o ouro
—alquimia ao contrário— na poeira que o vento
ao próprio vento espalha...
Mármore, sim, mas mole.
E mais que mármore mar — que dentro de nós morre.

ELEMENTS

	Hydrogen	^{w^t} 1		Strontian	^{w^t} 46
	Azote	5		Barytes	68
	Carbon	5		Iron	50
	Oxygen	7		Zinc	56
	Phosphorus	9		Copper	56
	Sulphur	13		Lead	90
	Magnesia	20		Silver	190
	Lime	24		Gold	190
	Soda	28		Platina	190
	Potash	42		Mercury	167

Lavoisier
John Dalton
John Newlands

ОПЫТЪ СИСТЕМЫ ЭЛЕМЕНТОВЪ.

ОСНОВАННОЙ НА ИХЪ АТОМНОМЪ ВѢСѢ И ХИМИЧЕСКОМЪ СХОДСТВѢ.

			Ti = 50	Zr = 90	? = 180.
			V = 51	Nb = 94	Ta = 182.
			Cr = 52	Mo = 96	W = 186.
			Mn = 55	Rh = 104,4	Pt = 197,4.
			Fe = 56	Rn = 104,4	Ir = 198.
			Ni = Co = 59	Pl = 106,8	Os = 199.
H = 1			Cu = 63,4	Ag = 108	Hg = 200.
	Be = 9,4	Mg = 24	Zn = 65,2	Cd = 112	
	B = 11	Al = 27,4	? = 68	Ur = 116	Au = 197?
	C = 12	Si = 28	? = 70	Sn = 118	
	N = 14	P = 31	As = 75	Sb = 122	Bi = 210?
	O = 16	S = 32	Se = 79,4	Te = 128?	
	F = 19	Cl = 35,6	Br = 80	I = 127	
Li = 7	Na = 23	K = 39	Rb = 85,4	Cs = 133	Tl = 204.
		Ca = 40	Sr = 87,6	Ba = 137	Pb = 207.
		? = 45	Ce = 92		
		?Er = 56	La = 94		
		?Yt = 60	Di = 95		
		?In = 75,6	Th = 118?		

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			V = 51	Nb = 94	Ta = 182
			Cr = 52	Mo = 96	W = 186
			Mn = 55	Rh = 104,4	Pt = 197,4
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	O = 16	S = 32	Se = 79,4	Te = 128?	
	F = 19	Cl = 35,5	Br = 80	J = 127	
Li = 7	Na = 23	K = 39	Rb = 85,4	Cs = 133	Tl = 204
		Ca = 40	Sr = 87,6	Ba = 137	Pb = 207
		? = 45	Ce = 92		
		?Er = 56	La = 94		
		?Yt = 60	Di = 95		
		?In = 75,6	Th = 118?		

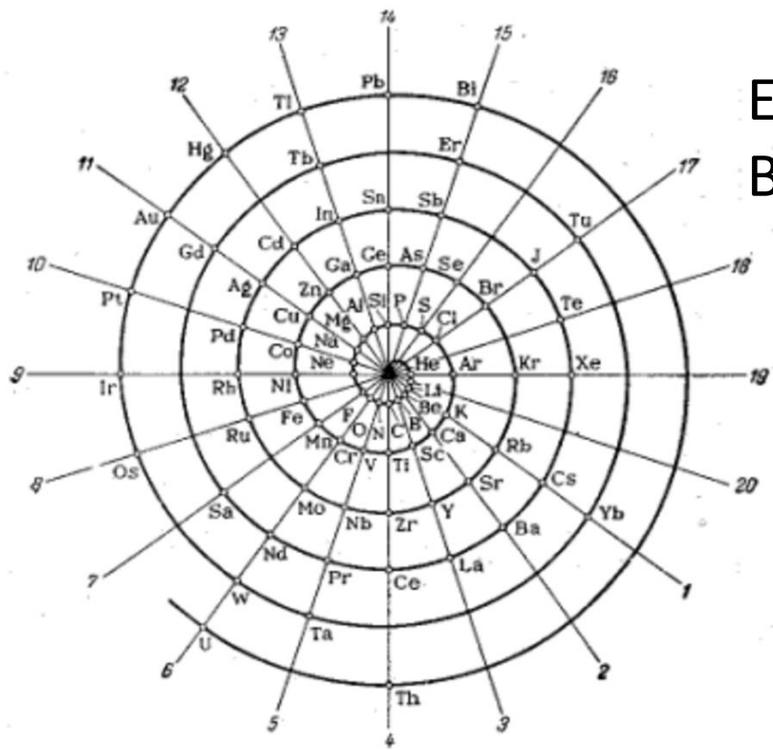
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1A																	8A	
1 H Hidrogênio 1,00794																	2 He Hélio 4,002602	
2 Li Lítio 6,941	2A Be Berílio 9,012182											3A B Boro 10,811	4A C Carbono 12,0107	5A N Nitrogênio 14,0067	6A O Oxigênio 15,9994	7A F Flúor 18,9984032	10 Ne Neônio 20,1797	
3 Na Sódio 22,98976...	3 Mg Magnésio 24,305											3A Al Alumínio 26,9815386	4A Si Silício 28,0855	5A P Fósforo 30,973762	6A S Enxofre 32,065	7A Cl Cloro 35,453	18 Ar Argônio 39,948	
4 K Potássio 39,0983	4 Ca Cálcio 40,078	3B Sc Escândio 44,955912	4B Ti Titânio 47,887	5B V Vanádio 50,9415	6B Cr Cromo 51,9961	7B Mn Manganês 54,938045	8B Fe Ferro 55,845		Co Cobalto 58,933195	Ni Níquel 58,6934	1B Cu Cobre 63,546	2B Zn Zinco 65,38	3A Ga Gálio 69,723	4A Ge Germânio 72,63	5A As Arsênio 74,9216	6A Se Selênio 78,96	7A Br Bromo 79,904	36 Kr Criptônio 83,798
5 Rb Rubídio 85,4678	5 Sr Estrôncio 87,62	5 Y Ítrio 88,90585	5 Zr Zircônio 91,224	5 Nb Nióbio 92,90638	5 Mo Molibdênio 95,96	5 Tc Tecnécio (98)	5 Ru Rutênio 101,07	5 Rh Ródio 102,9055	5 Pd Paládio 106,42	5 Ag Prata 107,8682	5 Cd Cádmio 112,411	5 In Índio 114,818	5 Sn Estanho 118,71	5 Sb Antimônio 121,76	5 Te Telúrio 127,6	5 I Iodo 126,90447	5 Xe Xenônio 131,293	
6 Cs Césio 132,9054...	6 Ba Bário 137,327	6 57-71 *	6 Hf Háfnio 178,49	6 Ta Tântalo 180,94788	6 W Tungstênio 183,84	6 Re Rênio 186,207	6 Os Ósmio 190,23	6 Ir Írídio 192,217	6 Pt Platina 195,084	6 Au Ouro 196,966569	6 Hg Mercúrio 200,59	6 Tl Tálio 204,3833	6 Pb Chumbo 207,2	6 Bi Bismuto 208,9804	6 Po Polônio (209)	6 At Astato (210)	6 Rn Radônio (222)	
7 Fr Frâncio (223)	7 Ra Rádio (226)	7 89-103 **	7 Rf Rutherfordio (267)	7 Db Dúbnio (268)	7 Sg Seabórgio (271)	7 Bh Bóhrio (272)	7 Hs Hássio (270)	7 Mt Meitnério (276)	7 Ds Darmstádio (281)	7 Rg Roentgênio (280)	7 Cn Copernício (285)	7 Uut Ununtrio (284)	7 Uuq Ununquádro (289)	7 Uup Ununpêntio (288)	7 Uuh Ununhécio (293)	7 Uus Ununséptio (294)	7 Uuo Ununóctio (294)	

- Metals alcalinos
- Metals alcalino-terrosos
- Metals de transição
- Lantanídeos
- Actinídeos
- Metals representativos
- Semi-metals
- Não-metals
- Halogênios
- Gases nobres
- C Sólido
- Hg Líquido
- H Gasoso
- Rf Desconhecido

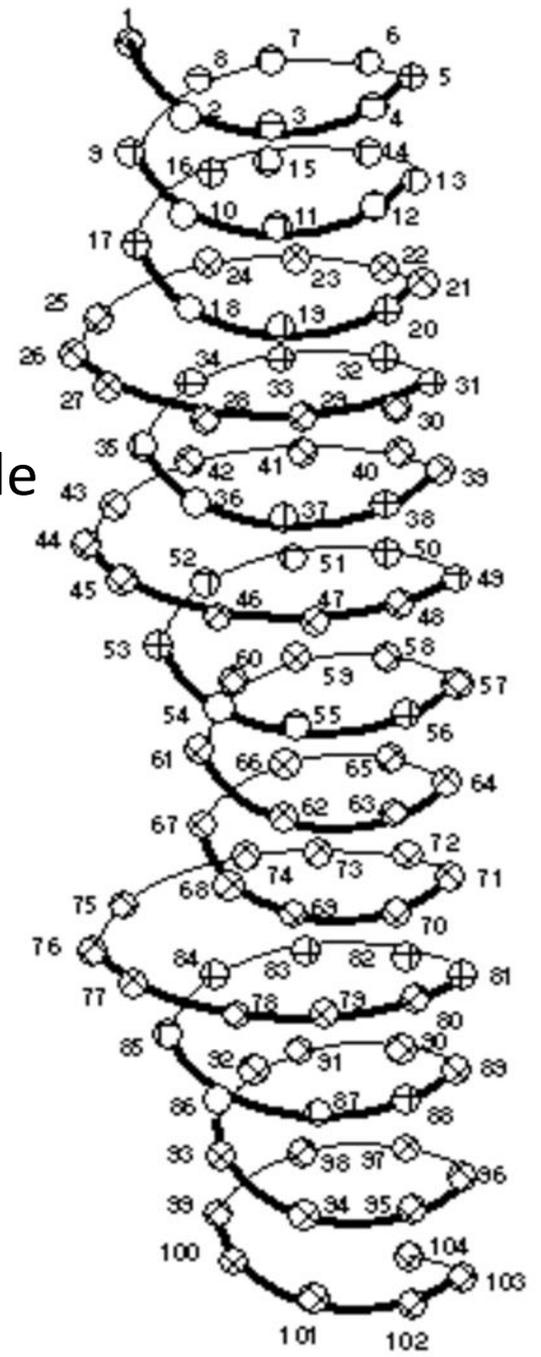
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Nº Atômico	D I S T R I B U I C A O
Simbolo	
Nome	
Massa Atômica	

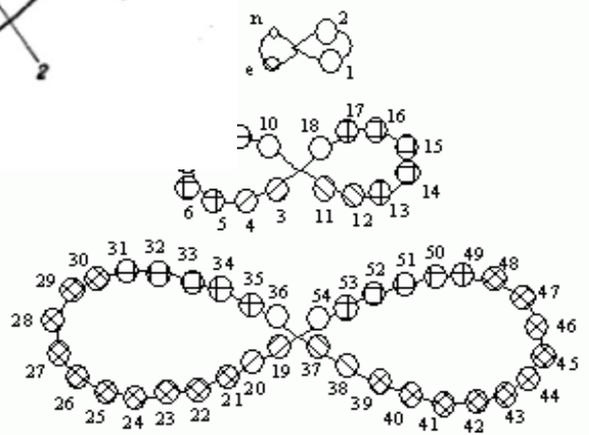
* 57 La Lantânio 138,90547	58 Ce Cério 140,116	59 Pr Praseodímio 140,90768	60 Nd Neodímio 144,242	61 Pm Promécio (145)	62 Sm Samário 150,36	63 Eu Európio 151,964	64 Gd Gadolínio 157,25	65 Tb Térbio 158,92535	66 Dy Disprósio 162,5	67 Ho Hólmio 164,93032	68 Er Érbio 167,259	69 Tm Túlio 168,93421	70 Yb Ítérbio 173,054	71 Lu Lutécio 174,9688
** 89 Ac Actínio (227)	90 Th Tório 232,03806	91 Pa Protactínio 231,03688	92 U Urânio 238,02891	93 Np Neptúnio (237)	94 Pu Plutônio (244)	95 Am Amériício (243)	96 Cm Cúrio (247)	97 Bk Berquílio (247)	98 Cf Califórnio (251)	99 Es Einstênio (252)	100 Fm Férmio (257)	101 Md Mendelévio (288)	102 No Nobelio (259)	103 Lr Laurêncio (262)



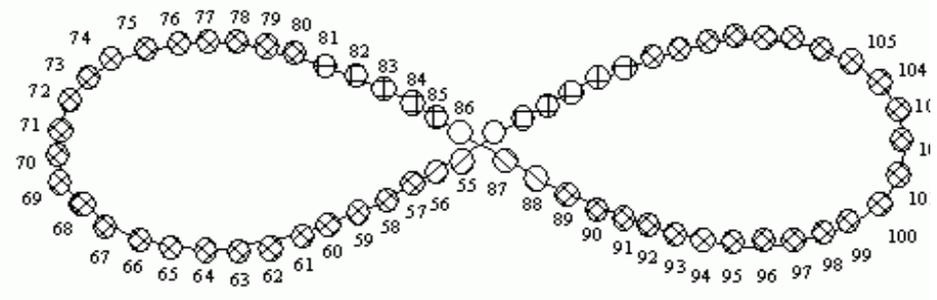
Espiral de Baumgauer



Hélice de Bilecki



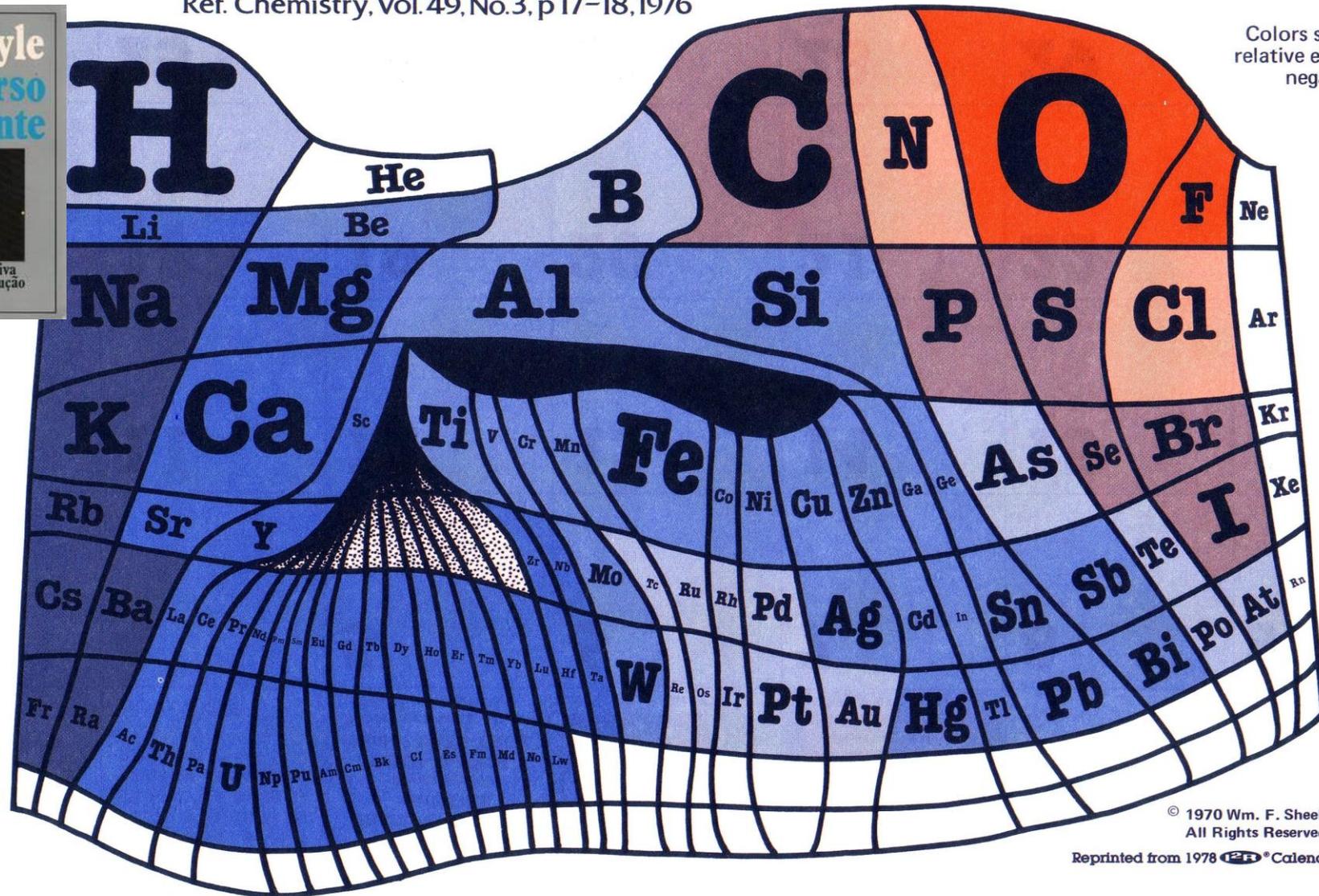
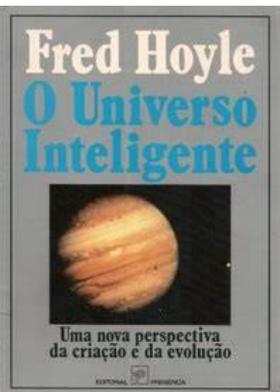
“Sino” de Basset



The Elements According to Relative Abundance

A Periodic Chart by Prof. Wm. F. Sheehan, University of Santa Clara, CA 95053
 Ref. Chemistry, Vol. 49, No.3, p 17-18, 1976

Colors suggest relative electro-negativity



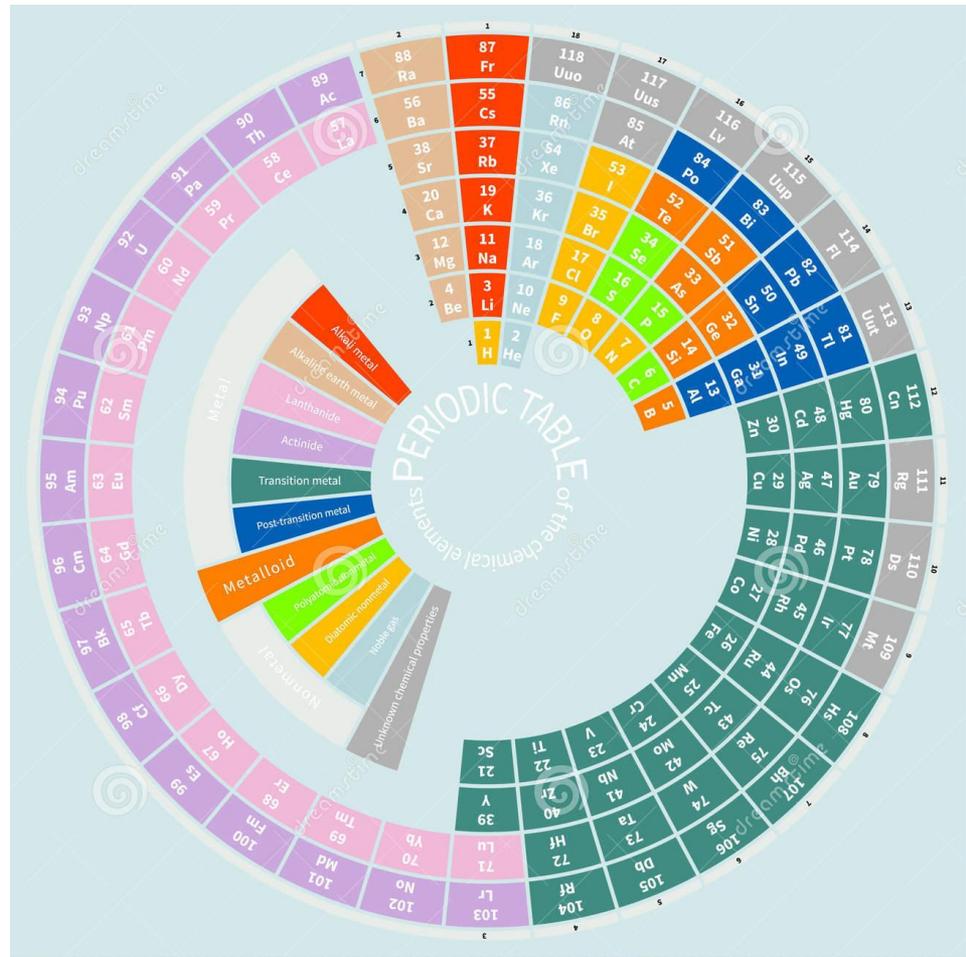
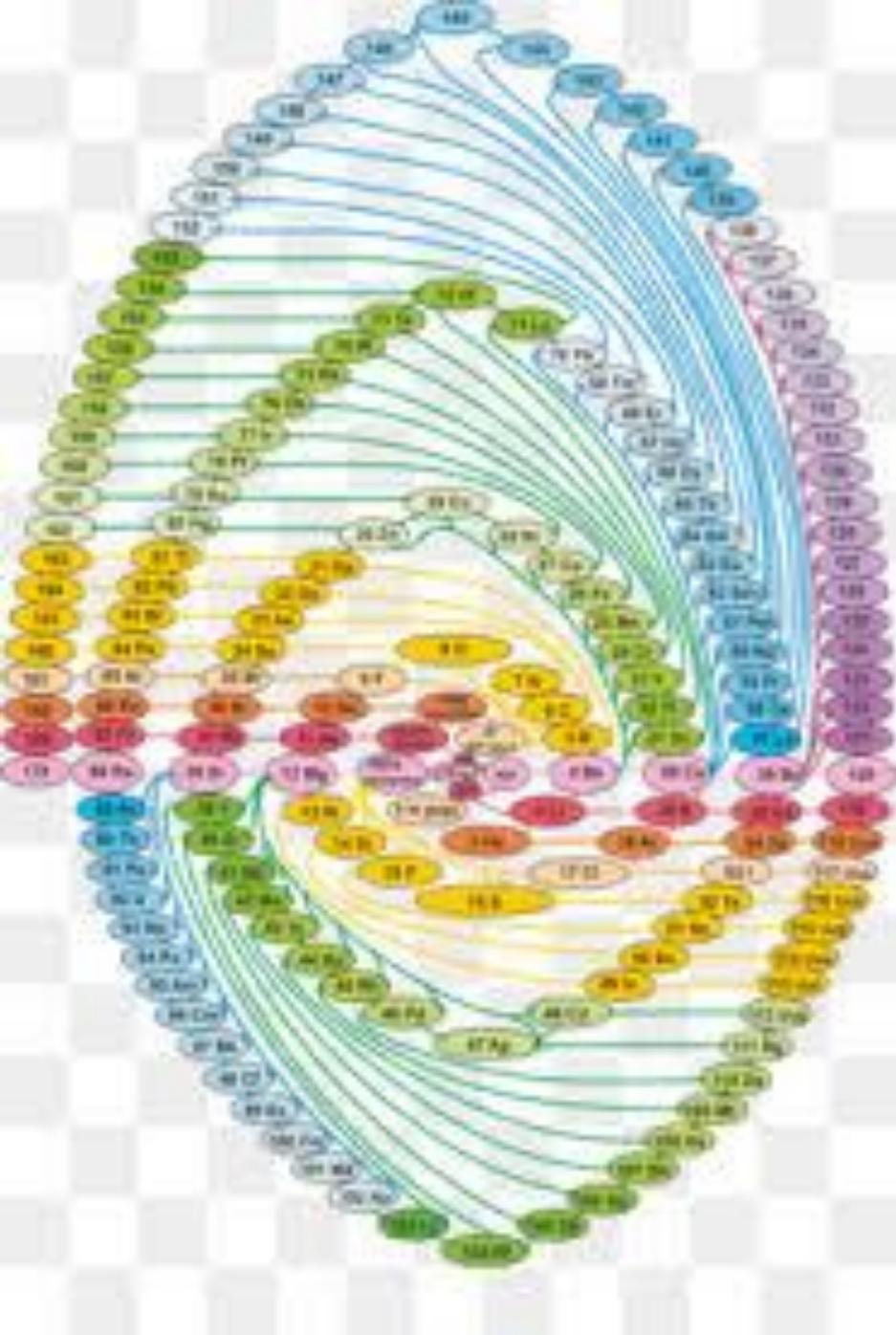
© 1970 Wm. F. Sheehan
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Reprinted from 1978 Calendar.

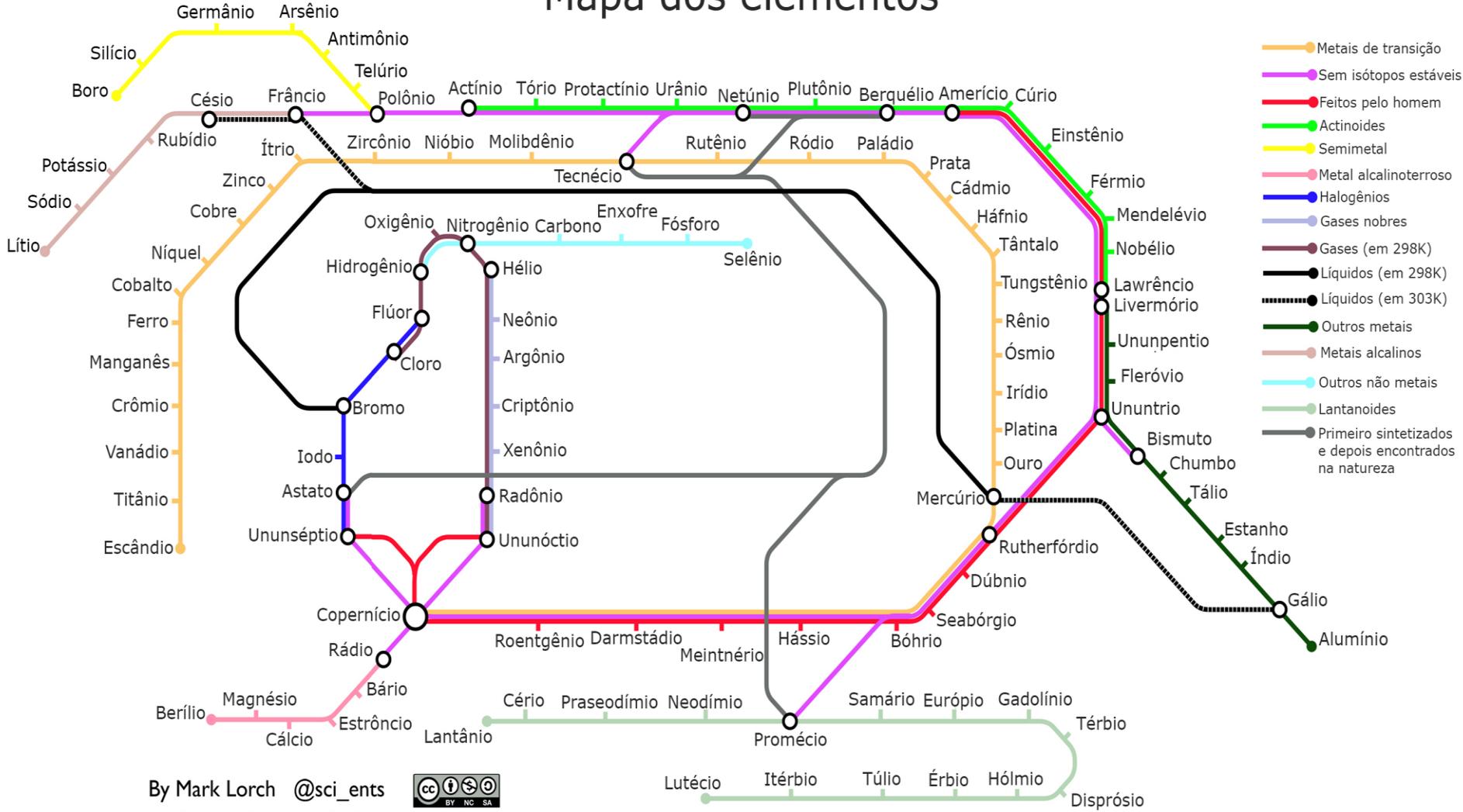
Roughly, the size of an element's own niche ("I almost wrote square") is proportioned to its abundance on Earth's surface, and in addition, certain chemical similarities (e.g., Be and Al, or B and Si) are sug-

gested by the positioning of neighbors. The chart emphasizes that in real life a chemist will probably meet O, Si, Al, . . . and that he better do something about it. Periodic tables based upon elemental abundance would, of course, vary from planet to planet. . . W.F.S.

NOTE: TO ACCOMMODATE ALL ELEMENTS SOME DISTORTIONS WERE NECESSARY, FOR EXAMPLE SOME ELEMENTS DO NOT OCCUR NATURALLY.



Mapa dos elementos

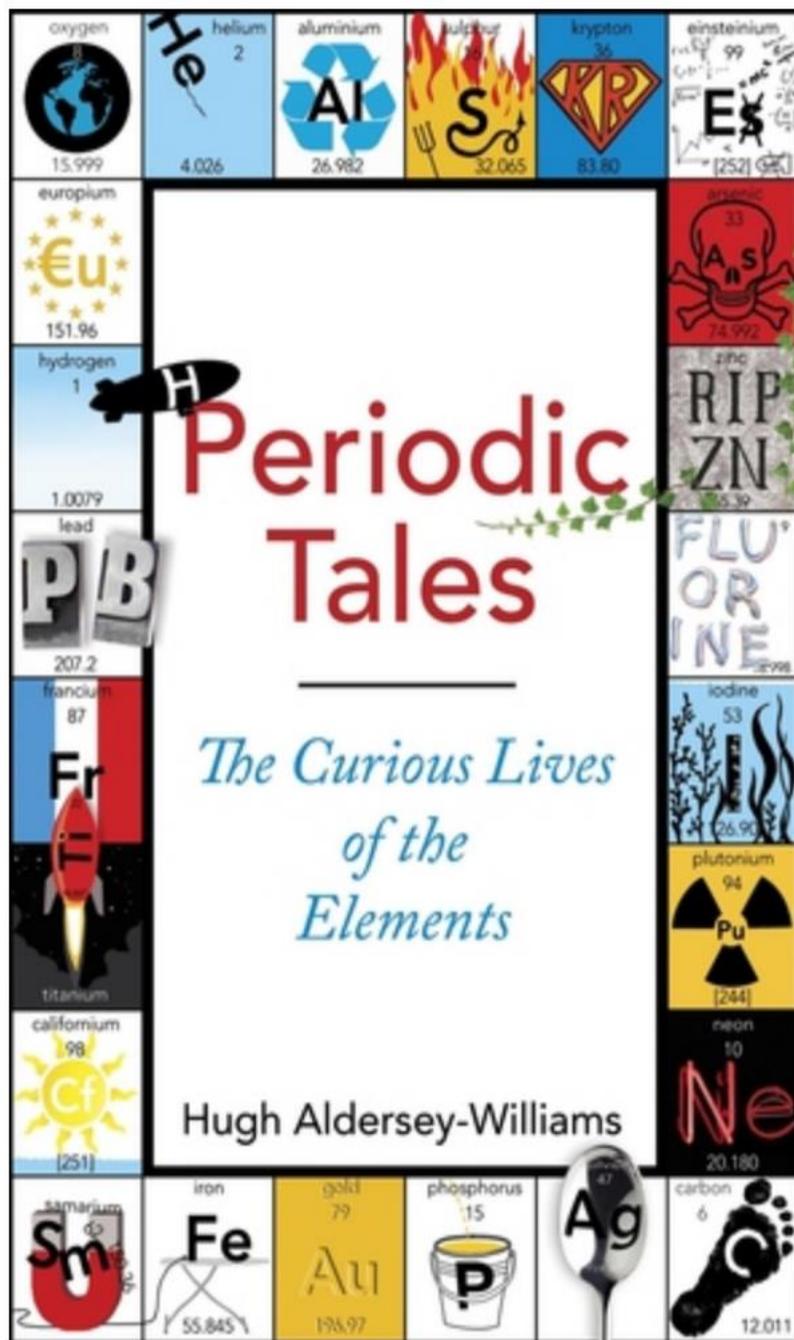


By Mark Lorch @sci_ents



Underground map of the elements by Mark Lorch is licensed under a Creative Commons

Tradução realizada por Prof. Dr. Luís Brudna - www.tabelaperiodica.org



RIGHT HAND, LEFT HAND



CHRIS McMANUS



'A scientific detective story, a brilliant cross between Edgar Allan Poe and Gray's Anatomy'
J G Ballard, *New Statesman*



Periodic Table of Story Elements

Hero H												Heroin e He					
Love Interest Li	Battle Be											Beat B	Chara- acters C	Names N	Obsta- cles O	Fantasy F	Needs Ne
Narra- tor Na	Magical Gifts Mg											Allies Al	Sci-Fi Si	Plot P	Story S	Clarity Cl	Art Ar
Key Words K	Chapter Ca	Scare Sc	Time Ti	Victory V	Credit Cr	Mani- pulate Mn	Fear Fe	Coward Co	Niche Ni	Caesura Cu	Zenith Zn	Gauntlet Ga	Genre Ge	Arche- types As	Scene Se	Bravery Br	Kicker Kr
Para- bles Rb	Strength Sr	Youth Y	Realiza- tion Zr	Numbers Nb	Motives Mo	Table of Content Tc	Rituals Ru	Rough Draft Rh	Pride Pd	Anger Ag	Creed Cd	Intuition In	Synopsi- s Sn	Symbols Sb	Terror Te	Inciting Event I	Xerox Xe
Cast Cs	Back- story Ba	Layout Lu	Historical Fiction Hf	Tragedy Ta	Words W	Redeem Re	Oppose Os	Irony Ir	Pathos Pt	Audience Au	Heading Hg	Tale Tl	Problem Pb	Bildungs- roman Bi	Polish Po	Antagon- ist At	Ruin Rn
Friends Fr	Rising Action Ra	Learn Lr	Romantic Fiction Rf	Double Reversal Db	Setting Sg	Sub- head Bh	Happi- ness Hs	Mastery Mt	Desire Ds	Reading Group Rg							

Laughter La	Cause & Effect Ce	Promise Pr	Need Nd	Premise Pm	Shaman Sm	Euphe- mism Eu	Guard- ian Gd	Table of Contents Tb	Dactyl Dy	Hard Copy Ho	Query Er	Talisman Tm	Youth Books Yb
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THE NORTON CRITICAL EDITION
PERIODIC TABLE OF

LITERARY VILLAINS

From Mephistopheles to Count Dracula and Lady Macbeth to the Queen of Hearts, we love to hate the bad guys. Their villainous activity, whether self-serving or psychopathic, wreaking havoc or ultimately defeated, is often the most memorable part of our favorite books. In commemoration of the hard work antagonists undertake to challenge protagonists and delight readers, here are famous scoundrels and criminals who appear in books featured in the Norton Critical Edition series, ranked according to a version of Dante's circles of hell.

LIMBO LUST GREED ANGER VIOLENCE FRAUD TREACHERY

Peter Quint & Miss Jessel <i>The Turn of the Screw</i> 1898	Angelo <i>Measure for Measure</i> 1623	Mrs. Bertha Dorset <i>The House of Mirth</i> 1905
Pavel Petrovich Kirsanov <i>Fathers and Children</i> 1862	Fyodor Karamazov <i>The Brothers Karamazov</i> 1880	Uriah Heep <i>David Copperfield</i> 1850
Lady Bracknell <i>The Importance of Being Earnest</i> 1895	Morgan Le Fay <i>Sir Gawain and the Green Knight</i> 14th century	Compeyson <i>Great Expectations</i> 1861
Sergeant Troy <i>Far from the Madding Crowd</i> 1874	Odette <i>Swann's Way</i> 1913	Arabella Donn <i>Jude the Obscure</i> 1895
Mr. Vladimir <i>The Secret Agent</i> 1907	Lord Harry <i>The Picture of Dorian Gray</i> 1890	John Montraville <i>Charlotte Temple</i> 1791
Duke Frederick <i>As You Like It</i> 1623	The Duke & The King <i>Adventures of Huckleberry Finn</i> 1884	Svidrigaïlov & Raskolnikov <i>Crime and Punishment</i> 1867
Grendel & His Mother <i>Beowulf</i> ca. 700 CE	Roger Chillingworth <i>The Scarlet Letter</i> 1850	Queen of Hearts <i>Alice in Wonderland</i> 1865
Simon Legree <i>Uncle Tom's Cabin</i> 1852	Mary Johnson <i>Maggie: A Girl of the Streets</i> 1893	Fagin & Sikes <i>Oliver Twist</i> 1838
John Montraville <i>Charlotte Temple</i> 1791	Svidrigaïlov & Raskolnikov <i>Crime and Punishment</i> 1867	John Montraville <i>Charlotte Temple</i> 1791
Lady Catherine de Bourgh <i>Pride and Prejudice</i> 1813	Alec d'Urberville <i>Tess of the d'Urbervilles</i> 1891	Mr. Kurtz <i>Heart of Darkness</i> 1899
Michael Henchard <i>The Mayor of Casterbridge</i> 1886	Russian Agents <i>Kim</i> 1901	Hurstwood <i>Sister Carrie</i> 1900
Poseidon <i>The Odyssey</i> ca. 700 BCE	Karenin <i>Anna Karenina</i> 1878	Smerdyakov <i>The Brothers Karamazov</i> 1880
Hindley Earnshaw <i>Wuthering Heights</i> 1847	Vautrin <i>Père Goriot</i> 1835	Lorenzo <i>The Spanish Tragedy</i> 1592
Mr. Tulkynghorn <i>Bleak House</i> 1853	Bounderby <i>Hard Times</i> 1854	Tom Delamere <i>The Marrow of Tradition</i> 1901
Master Blifil <i>Tom Jones</i> 1749	Major Sanford <i>The Coquette</i> 1797	Leonards <i>North and South</i> 1854
Mr. Wakem <i>The Mill on the Floss</i> 1860	Judge Jaffrey Pyncheon <i>The House of the Seven Gables</i> 1851	Jason Compson <i>The Sound and the Fury</i> 1929
Captain Ahab <i>Moby-Dick</i> 1851	Unnamed Englishman <i>Wide Sargasso Sea</i> 1966	Injun Joe <i>The Adventures of Tom Sawyer</i> 1876
Mr. Hyde <i>Strange Case of Dr. Jekyll and Mr. Hyde</i> 1886	Dorian Gray <i>The Picture of Dorian Gray</i> 1890	Phil Connor <i>The Jungle</i> 1906
Byam <i>Oroonoko</i> 1688	Tom Delamere <i>The Marrow of Tradition</i> 1901	Charles Wilcox <i>Howards End</i> 1910
Mordred <i>Le Mort Darthur</i> 1485	Tartuffe <i>Tartuffe</i> 1664	Mordred <i>Le Mort Darthur</i> 1485
Fanny Dashwood <i>Sense and Sensibility</i> 1811	Damon Wildeve <i>The Return of the Native</i> 1878	Kate Croy <i>The Wings of the Dove</i> 1902
Petruchio <i>The Taming of the Shrew</i> 1623	Gilbert Osmond & Madame Merle <i>The Portrait of a Lady</i> 1881	Monsieur Homais <i>Madame Bovary</i> 1857
Zeena Frome <i>Ethan Frome</i> 1911	Mrs. Reed <i>Jane Eyre</i> 1847	Count Dracula <i>Dracula</i> 1897
Minister of the Interior <i>A Clockwork Orange</i> 1962	The Morlocks <i>The Time Machine</i> 1895	Charles Wilcox <i>Howards End</i> 1910
Satan <i>Paradise Lost</i> 1667	Goneril, Regan, Edmund <i>King Lear</i> 1623	Mephistopheles <i>Doctor Faustus</i> 1604 <i>Faust</i> 1808, 1832
Iago <i>Othello</i> 1623	Simon Pilkings <i>Death and the King's Horseman</i> 1975	Oliver <i>As You Like It</i> 1623
Carwin <i>Wieland</i> 1798	The Cardinal <i>The Duchess of Malfi</i> 1614	Carwin <i>Wieland</i> 1798
King Claudius <i>Hamlet</i> 1604/05	Caesar <i>Antony and Cleopatra</i> 1623	Lady Macbeth <i>Macbeth</i> 1623
The Suitors <i>The Odyssey</i> ca. 700 BCE	Cassius <i>Julius Caesar</i> 1623	Hotspur <i>1 Henry IV</i> 1598
Richard III <i>Richard III</i> 1597	McTeague <i>McTeague</i> 1899	Richard III <i>Richard III</i> 1597



URIAH HEEP'S name has not only become synonymous with sycophants, but is also that of a British hard rock band.

Melville's CAPTAIN AHAH inspired J. M. Barrie to create Captain Hook.

In *Crime and Punishment*, RASKOLNIKOV repeats LADY MACBETH'S behavior of madly trying to remove bloodstains.

MORLOCKS, H. G. Wells's creation, also appear in *Doctor Who*, *Power Rangers*, and an Alan Moore comic.



The Periodic Table of Storytelling

Structure										Fandom & Audience Reactions												
Setting, laws, plots										Production												
C ^{.04} Conflict	3as ^{.03} Three Act Structure									Ae ^{.2.0} An Aesop					Plot devices							
Re ^{.2.5} The Reveal	Srs ^{.2.7} Serious Business	Anv ^{.2.8} Aren't You	Phl ^{.2.3} Applied Phobias	Cmx ^{.03} The Climax	Msq ^{.1.1} The Misquade	Bti ^{.5.3} Beyond The Impossible	Tb ^{.2.5} Techno Bubbly	Den ^{.05} The Denouement	Rcy ^{.1.7} Recycled IN SPACE	Cl2 ^{.1.5} Crosses the Line Twice	Wav ^{.2.4} Hand Wave	End ^{.06} The End	X ^{.1.2} X Meets Y	Ria ^{.2.3} Refuge in Audacity	Dx ^{.1.6} Dera Ex Machine	Chk ^{.2.4} Chkchk's Gun	Aa ^{.5.0} Magic A Is Magic A	Dae ^{.3.5} Darker And Edgier	Ass ^{.1.1} An Pull	Can ^{.8.7} Canon	Fan ^{.1.3} Fanon	
<p>"Call to Adventure" primary subtrope: Adventure Rebuff Burning Building Rescue The Call Has Bad Reception The Call Knows Where You Live The Call Left A Message The Call Put Me On Hold Call Reception Area Desperately Looking For A Purpose In Life Forgot The Call Got The Call On Speed Dial I'm Dying, Please Take My MacGuffin Ignorant Of The Call Jumped At The Call Missed The Call Red Pill Blue Pill Refusal Of The Call Refused By The Call Regular Caller Resigned To The Call Screening The Call Take Up My Sword Two Roads Before You</p>										<p>Character Modifiers</p> <p>P^{.3.3} Protagonist A^{.0.1} Antagonist</p>												
Heroes										Villains												
Archetypes										Metatropes												
Mcg ^{.2.7} MacGuffin	Ivc ^{.1.4} Sliding Scale of Ideals vs. Cynicism	Scw ^{.5.8} Mind Screw	Iac ^{.2.3} Soaked Evil In A Can	H ^{.4.9} The Hero	Kni ^{.5.1} Knight In Shining Armor	Bbw ^{.1.7} Badass Bookworm	Ib ^{.1.9} Idiot Ball	Wb ^{.5.5} Woobie	Mad ^{.4.0} Mad Scientist	Wes ^{.06} The Wesley	Scl ^{.2.7} Star-Crossed Lovers	Bad ^{.1.1} Big Bad	Etw ^{.1.6} Evil Twin	Rch ^{.1.1} Archenemy	Emp ^{.1.9} The Emplie	Jt ^{.4.2} Justified Trope	Rur ^{.2.4} Reality Is Unsubtle	Res ^{.5.9} Did Not Do The Research	Et ^{.1.9} Epileptic Toss	T ^{.2.0} Trope	Sho ^{.9.0} Shout Out	Sus ^{.0.7} Biting Suspense of Disbelief
Bks ^{.1.5} Backstory	Sq ^{.1.2} Sliding Scale of Idealism vs. Cynicism	Aws ^{.2.3} What Do You Mean, It's Not Awesome?	Aod ^{.2.1} Artifact of Doom	Ah ^{.3.2} Anti Hero	Neo ^{.1.7} The Chosen One	Tp ^{.2.4} Technical Pacifist	Fln ^{.1.6} Flanderization	Ccl ^{.6.1} Cloud Cuckoolander	Sue ^{.1.7} Mary Sue	Tsu ^{.3.8} Tsundere	St ^{.0.8} The Storyteller	Mgb ^{.5.1} Magnificent Bastard	Ewi ^{.4.2} Evil Within	Dra ^{.4.6} The Dragon	Av ^{.2.0} Anti Villain	Sv ^{.3.2} Subverted Trope	Lr ^{.0.8} Like Reality Unless Noted	Vam ^{.1.1} Viewers Are Mercies	Dlp ^{.1.3} Drama In Leather Pants	Tru ^{.4.4} Truth In Television	Tt ^{.4.1} Take That	Fri ^{.5.8} Fridge Logic
Ret ^{.2.4} Retcon	Cal ^{.2.0} Call To Adventure	Bwb ^{.4.1} Fan Service	Xan ^{.3.7} Xanatos Gambit	Ih ^{.1.4} Idiot Hero	Ag ^{.5.0} Action Girl	Ace ^{.1.5} The Ace	Bda ^{.7.9} Badass	Ham ^{.5.1} Large Ham	Moo ^{.3.9} Mooks	Dbd ^{.3.3} The Dumbdore	Lei ^{.1.6} Rebel Leader	Mpb ^{.2.9} Manipulative Bastard	Law ^{.3.2} Amoral Attorney	Mol ^{.1.9} The Mole	Vp ^{.1.8} Villain Protagonist	Old ^{.3.1} Oldest Ones In The Book	Anp ^{.0.7} Anthropic Principle	Wob ^{.4.9} Wolver On Board	Mem ^{.6.8} Mnemonic Mutation	Ls ^{.1.2} Lampshade Hanging	Tru ^{.4.4} Truth In Television	Fri ^{.5.8} Fridge Logic
Arc ^{.1.1} Story Arc	Rq ^{.3.0} Redemption Quest	Cry ^{.2.4} Tear Jerker	Bdh ^{.2.8} Big Damn Heroes	Sh ^{.0.5} Super Hero	Pg ^{.0.5} Flucky Girl	Cap ^{.0.8} The Captain	Bb ^{.5.8} Berserk Button	Rnd ^{.0.6} Round Character	Red ^{.1.2} Redshirts	Mus ^{.0.3} Dumb Muscle	Mal ^{.3.9} Rebellious Spirit	Chs ^{.2.8} The Chessmaster	Ob ^{.0.0} Obstructive Bureaucrat	Vir ^{.1.2} The Virus	4te ^{.1.9} For The Evulz	Roc ^{.4.1} Rule of Cool	Con ^{.3.0} Law of Conservation of Detail	Xm ^{.3.0} Executive Meddling	Wog ^{.7.4} Word of God	Emp ^{.4.2} Empire	Tt ^{.4.1} Take That	Fri ^{.5.8} Fridge Logic
Rar ^{.0.5} Romance Arc	Hj ^{.3.6} The Hero's Journey	Ang ^{.1.6} Wangst	Pet ^{.1.9} Pet The Dog	Kh ^{.0.7} Kid Hero	Det ^{.3.1} Determinator	Gun ^{.0.7} The Gornlinger	Jhg ^{.1.7} Jerk With A Heart of Gold	Fla ^{.3.4} Flat Character	Mug ^{.0.0} Muggles	Gia ^{.1.3} Gentle Giant	Kz ^{.2.7} The Kibitz	Mon ^{.7.5} Complex Monster	Ws ^{.2.6} Wicked Stepfather	Eld ^{.5.6} Elfish Abomination	Lol ^{.1.9} Evil Laugh	Rof ^{.3.1} Rule of Funny	Lah ^{.4.6} Literary Agent Hypothesis	Rad ^{.2.5} Getting Crap Past The Radar	Mst ^{.9.2} MST3K Mentis	Tru ^{.4.4} Truth In Television	Tt ^{.4.1} Take That	Fri ^{.5.8} Fridge Logic
Tri ^{.1.5} Love Triangle	Stw ^{.3.0} Saving the World	Jts ^{.2.4} Jumping the Shark	Kik ^{.3.1} Kick The Dog	Gh ^{.0.0} Galle Hero	Gb ^{.1.1} Genius Bruiser	Ir ^{.3.7} Intrepid Reporter	Ja ^{.9.0} Jerkass	Dyn ^{.0.8} Dynamic Character	Scr ^{.2.8} The Scrappy	Foo ^{.4.4} The Fool	Lrg ^{.2.7} Lovable Rogan	Om ^{.1.7} Omniscient Mucous	Bru ^{.0.6} The Brute	1wa ^{.1.9} One Winged Angel	Fai ^{.0.5} You Have Failed Me	Rod ^{.5.1} Rule of Drama	Md ^{.2.1} Moral Dissonance	Dh ^{.2.2} Development Hell	Sqi ^{.5.7} Sequel	Emp ^{.4.2} Empire	Tt ^{.4.1} Take That	Fri ^{.5.8} Fridge Logic
Hil ^{.4.1} Hilarity Ensues	Tfc ^{.4.5} They Fight Crime	Gtb ^{.0.6} Growing the Beard	Hzr ^{.4.0} Moral Event Horizon	Th ^{.3.0} Toxic Hero	Sma ^{.2.4} Five Man Band	Ind ^{.3.9} Adventure Archeologist	Sav ^{.4.9} Genre Savvy	Sta ^{.0.6} Static Character	Edh ^{.4.0} Ensemble Darkhorse	Tc ^{.3.3} Turncoat	Pmd ^{.0.8} Person of Mass Destruction	Kt ^{.2.4} Knight Templar	Chi ^{.1.5} Creepy Child	Cce ^{.2.2} Cowardly Corporate Executive	Cat ^{.2.3} Right Hand Cat	4wl ^{.3.8} The Fourth Wall	Tbl ^{.0.1} Fascist Side of the Elements	Sbn ^{.2.8} Screened By The Network	Fwr ^{.1.3} Friend Was Right	Emp ^{.4.2} Empire	Tt ^{.4.1} Take That	Fri ^{.5.8} Fridge Logic
<p>Character Modifiers</p> <p>H^{.4.9} The Hero L^{.3.1} The Lancer S^{.3.1} The Smart Guy B^{.3.1} The Big Guy Ch^{.2.8} The Chick</p>										<p>Character Modifiers</p> <p>Hft^{.5.0} Heel Face Turn Fht^{.3.2} Face Heel Turn</p>												

Ae Identifier
An Aesop Trope name
 Popularity in kilowicks (thousands of links to its page within the wiki)

Chart by ComputerShepa
 Special thanks to Elle, Micah, and the rest of the Troopers for inspiration
 Thanks to Madrugada, Jack Alsworth, -fourwllows, and KirksOtherSon for corrections
 Permalink for this chart: goo.gl/yv5M4

The Fourth Wall subtrope:
 Audience What Audience Fourth Wall Mail Slot Leaning on the Fourth Wall Noticing The Fourth Wall
 Breaking the Fourth Wall Fourth Wall Observer Logging Onto The Fourth Wall Painting The Fourth Wall
 Breaking The Reviewers Wall Fourth Wall Portrait No Fourth Wall Sliding Scale Of Fourth Wall Hardness
 Fourth Wall Psych Fourth Wall Psych No Inner Fourth Wall The Fourth Wall Will Not Protect You

PERIODIC TABLE OF WORLD LITERATURE

Marguerite Beguine was arrested for heresy and burnt at the stake for her writings.

Socrates was executed for poisoning the minds of young Greeks.

Alexandre Dumas's mother told him stories of his father fighting bravely for Napoleon. These probably inspired many of his own stories starring brave swashbucklers.

When Miguel de Cervantes was a soldier, he was captured and held as a slave for four years. His parents paid a ransom for his freedom.

The comedians of Monty Python once did a sketch featuring Thomas Hardy writing a novel in a sports stadium, surrounded by fans cheering his every word. The announcer expressed disappointment that Hardy began the novel with a "meaningless scribble" in the top of the left hand margin.

In his most famous work, Dante Alighieri visits Satan, who is frozen to his waist in ice.

Charles Darwin was greatly influenced by the scientific work of Johann von Goethe.

1 Vg Marguerite Beguine											2 C George Eliot							
3 Ov Socrates	4 So Sophocles	5 Ho Homer											6 He Hesiod	7 Pa Plato	8 Sc Seneca	9 Ar Aristotle	10 Cs Cicero	11 Sh Shakespeare
12 Dw Dumas	13 Vy Voltaire	14 Da Dante											15 A Aeschylus	16 J Johann von Goethe	17 M Moliere	18 Ri Rabelais	19 Hi Hiccup	20 Gb George Bernard Shaw
21 Dm Dumas	22 Fp Fanny Hill	23 Hz Huckleberry Finn	24 Ig Ivan Gurov	25 La Lolita	26 V Vladimir	27 Cc Cervantes	28 S Sophocles	29 E Ezra Pound	30 H Homer	31 Gi George Orwell	32 Di Dostoevsky	33 Mi Moby Dick	34 Ra Rabelais	35 Rih Richard III				
36 St Stendhal	37 Md Moby Dick	38 Mb Monty Python	39 U Ulysses	40 Ap Anna Karenina	41 Ba Bachelors	42-49 42-49	50 Cm Candide	51 B Bachelors	52 Jp John Proctor	53 Go George Orwell	54 Jj John Jay	55 Aj Anna Karenina	56 Eh Ezra Pound	57 Fy Fanny Hill				
58 Kg King Lear	59 Ch Chickadee	60 Rl Richard III	61 Rr Richard III	62 Dh Dante	63 Vh Vladimir	64-71 64-71	72 Hi Hiccup	73 O Oedipus	74 Gs George Orwell	75 Bb Bachelors	76 Im Ivan Gurov	77 Jh John Jay	78 Ah Anna Karenina	79 Ak Anna Karenina				
80 Jb John Proctor	81 Kn King Lear	82 Tw Twain	83 Wo Wuthering Heights	84 Ms Monty Python	85 Gc George Orwell	86 Im Ivan Gurov	87 Nm Nobel Prize	88 Mc Monty Python	89 Dd Dante	90 Ws William Shakespeare	91 Ja John Jay	92 Ad Anna Karenina	93 Sm Sophocles	94 Cu Candide				
95 D Dante	96 Ge George Orwell	97 Gf George Orwell	98 Nk Nobel Prize	99 Fd Fanny Hill	100 Lt Lolita	101 Th Thomas Hardy	102 Gm George Orwell	103 Ac Anna Karenina	104 Mo Monty Python	105 P Plato	106 Ma Moby Dick	107 Zs Zola	108 K King Lear	109 N Nobel Prize				
110 As Anna Karenina	111 Sd Sophocles	112 Ca Candide	113 Kh King Lear															
42 Dd Dante	43 Lc Lolita	44 Uj Ulysses	45 Uj Ulysses	46 Ec Ezra Pound	47 Bo Bachelors	48 Wh William Shakespeare	49 Ro Richard III											
64 Ae Anna Karenina	65 Bg Bachelors	66 Rk Richard III	67 Bp Bachelors	68 Jk John Jay	69 Fb Fanny Hill	70 Cd Candide	71 Ha Huckleberry Finn											

Writer George Eliot was actually Mary Ann Evans. She used a male pen name so her writing would be taken seriously.

Rabindranath Tagore was Asia's first Nobel laureate.

Franz Kafka's dad was a ritual slaughterer. His job was to kill animals for meat in a special way that kept them kosher.

Elvis Costello worked for a time at a cosmetics company. His real name isn't Elvis Costello, either, as you may have guessed.

Some people think Christopher Marlowe was assassinated. Others think he faked his death so he could continue writing under a pen name: "William Shakespeare".

Three great French writers share a 1954 Nobel Prize: Victor Hugo, Alexandre Dumas, and Emile Zola.

Nigeria's Wole Soyinka is actively involved in politics and works as a professor at University of Nevada-Las Vegas—the home of the rebels.

We aren't exactly sure what happened, but Aeschylus might have been killed for being a smart mouth, or for stealing money.

■ Poetry
 ■ Plays
 ■ Non-fiction
■ Novels
 ■ Music
 ■ Young Adult

AQUILINO RIBEIRO

VOLFRÂMIO

ROMANCE



LIVRARIA BERTRAND • LISBOA

AQUILINO RIBEIRO

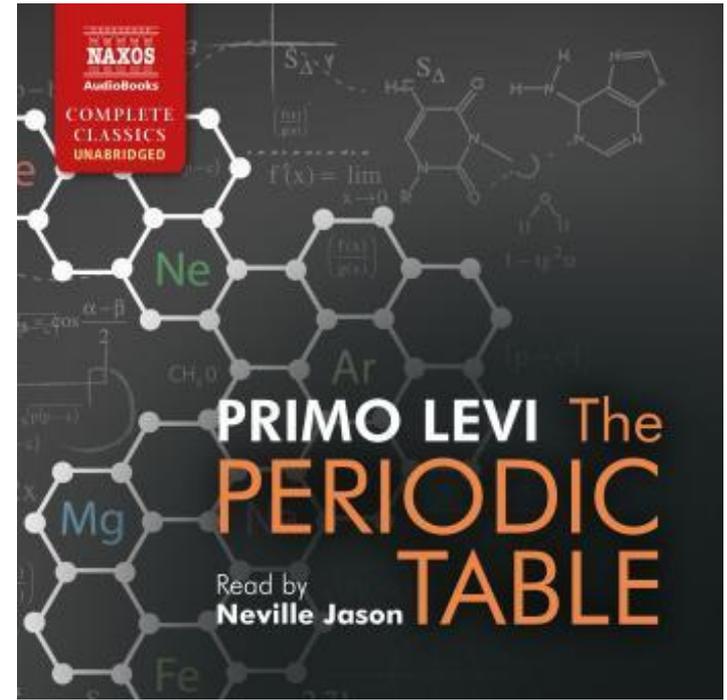
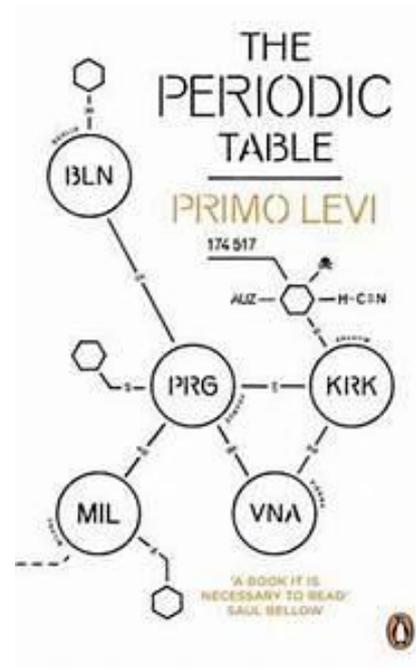
VOLFRÂMIO

romance



LIVRARIA BERTRAND • LISBOA

2006 — O melhor livro científico (!!!)



Admiradores — Saul Bellow, Philip Roth, Italo Calvino, Umberto Eco

“Um escritor deveria ter a precisão de um poeta e a imaginação de um cientista”

Vladimir Nabokov

"**Argon**" – a infância, a comunidade judaica do Piemonte e a sua linguagem.

"**Hidrogénio**" – duas crianças experimentam com eletrólise.

"**Zinco**" – na universidade.

"**Ferro**" – adolescência do autor, e leis raciais.

"**Potássio**" – resultados inesperados em experiências laboratoriais

"**Níquel**" – no laboratório de uma mina.

"**Chumbo**" – ficção

"**Mercúrio**" – ficção

"**Fósforo**" – emprego na indústria química.

"**Ouro**" – prisão

"**Cerium**" – sobrevivência num campo de extermínio.

"**Crómio**" – recuperação de vernizes.

"**Enxofre**" – ficção

"**Titânio**" – aparentemente ficção

"**Arsénico**" – uma consulta sobre uma amostra de açúcar.

"**Nitrogénio**" – fabricação de cosméticos com dejetos de aviário.

"**Estanho**" – um laboratório caseiro.

"**Urânio**" – consulta sobre uma amostra metálica.

"**Prata**" – placas fotográficas imprestáveis

"**Vanádio**" – reencontro com um químico alemão de Auschwitz.

"**Carbono**" – a história do átomo de carbono

1 H																	2 He
3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
55 Cs	56 Ba	*	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	**	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Fl	115 Uup	116 Lv	117 Uus	118 Uuo

* Lanthanides

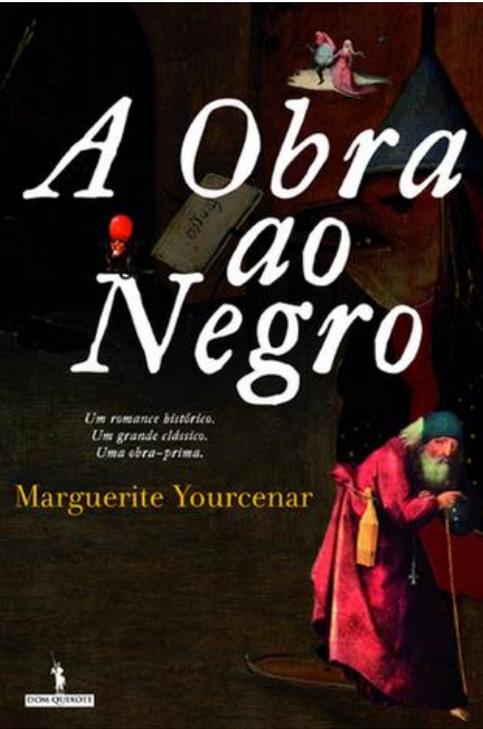
57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu
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** Actinides

89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr
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“Neste ponto o leitor já percebeu há algum tempo que isto não é um tratado de Química: a minha ambição não vai tão longe — *“ma voix est faible, et même un peu profane.”* — Nem é uma autobiografia senão parcialmente e dentro dos limites simbólicos em que qualquer escrito, e mesmo qualquer obra humana, é autobiográfico; mas é, em certo sentido, uma história. É — ou gostaria que fosse — uma micro-história...”

Os episódios estão organizados usando o nome de elementos da Tabela Periódica. Cada elemento é simbólico de um acontecimento ou de uma personagem desse episódio. Primo Levi, que era químico, conhecia as qualidades de cada elemento e a forma como reage. Como um professor de Química, apresenta o elemento a um leitor comum, e de repente salta de Química para a História: a história da família Levi interligada com a sua própria história como sobrevivente de Auschwitz é o fermento deste livro.



A Obra ao Negro

*Um romance histórico.
Um grande clássico.
Uma obra-prima.*

Marguerite Yourcenar

Zenão concentra em si o desejo de mudança, a vontade de alcançar, num mundo conturbado por conflitos vários, a liberdade de pensar e conceber.

E só um grande escritor poderia acompanhar, de forma simultaneamente tão minuciosa e bela, os contornos dessa personalidade, ao longo do doloroso caminho que a leva a enfrentar e a assumir a própria morte. Acaso se verificará então, nesse decisivo instante, uma das máximas possibilidades da Grande Obra alquímica, o opus nigrum, a tentativa de calcinar as formas para permitir a erupção de novo.

