	1 IA																	18 VIIIA
	ı 1.20															2 1.40		
1	Н	Bondi-Mantina Radii Set														He		
	Hydrogen	2 IIA											13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	Helium
	з 1.82	4 1.53											5 1.92	6 1.70	7 1.55	в 1.52	9 1.47	10 1.54
2	Li	Be											В	С	N	0	F	Ne
	Lithium	Beryllium											Boron	Carbon	Nitrogen	Oxygen	Flourine	Neon
	11 2.27	12 1.73											13 1.84	14 2.10	15 1.80	16 1.80	17 1.75	18 1.88
3	Na	Mg		=									Al	Si	P	S	CI	Ar
	Sodium	Magnesium	3 IIIA	4 IVB	5 VB	6 VIB	7 VIIB	8 VIIIB	9 VIIIB	10 VIIIB	11 IB	12 IIB	Aluminium	Silicon	Phosphorus	Sulphur	Chlorine	Argon
	19 2.75	20 2.31	21 0.0	22 0.0	23 0.0	24 0.0	25 0.0	26 0.0	27 0.0	28 1.63	29 1.40	зо 1.39	31 1.87	32 2.11	зз 1.85	з4 1.90	35 1.85	36 2.02
4	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
	Potassium	Calcium	Scandium	Titanium	Vanadium	Chromium	Manganese	Iron	Cobalt	Nickel	Copper	Zinc	Gallium	Germanium	Arsenic	Selenium	Bromine	Krypton
	зт 3.03	зв 2.49	з9 0.0	40 0.0	41 0.0	42 0.0	43 0.0	44 0.0	45 0.0	46 1.63	47 1.72	48 1.58	49 1.93	50 2.17	51 2.06	52 2.06	53 1.98	54 2.16
5	Rb	Sr	Y	Zr	Nb	Мо	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Те	ı	Xe
	Rubidium	Strontium	Yttrium	Zirconium	Niobium	Molybdenum	Technetium	Ruthenium	Rhodium	Palladium	Silver	Cadmium	Indium	Tin	Antimony	Tellurium	lodine	Xenon
	55 3.43	56 2.68	57-71	72 0.0	73 0.0	74 0.0	75 0.0	76 0.0	77 0.0	78 1.75	79 1.66	80 1.55	81 1.96	82 2.02	83 2.07	84 1.97	85 2.02	86 2.20
6	Cs	Ba	La-Lu	Hf	Та	Ŵ·····	Re	Os	lr	Pt	Au	Hg	TI	Pb	Bi	Po	At	Rn
	Caesium	Barium	Lanthanide	Halfnium	Tantalum	Tungsten	Rhenium	Osmium	- Iridium	Platinum	Gold	Mercury	Thallium	Lead	Bismuth	Polonium	Astatine	Radon
	87 3.48	88 2.83	89-103	104 0.0	105 0.0	106 0.0	107 0.0	108 0.0	109 0.0	110 0.0	1110.0	112 0.0	113 0.0	114 0.0	115 0.0	116 0.0	117 0.0	118 0.0
7	Fr	Ra	Ac-Lr	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Uub	···· Uut	Uwq	Uup	Uuh	Uus	Uuo
	Francium	Radium	Actinide	Rutherfordium	Dubnium	Seaborgium	Bohrium	Hassium	Meitnerium	Darmstadtium	Roentgenium	Ununbium	Ununtrium	Ununquadium	Ununpentium	Ununhexium	Ununseptium	Ununoctium
	z radius														Transfer en	***********		
	z radius			57 0.0	58 0.0	59 0.0	60 0.0	61 0.0	62 0.0	63 0.0	64 0.0	65 0.0	66 0.0	67 0.0	68 0.0	69 0.0	70 0.0	71 0.0
	Symbol			La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Но	Er	Tm	Yb	Lu
	Name			Lanthanum	Cerium	Praseodymium	Neodymium	Promethium	Samarium	Europium	Gadolinium	Terbium	Dysprosium	Holmium	Erbium	Thulium	Ytterbium	Lutetium
		_										***********						
			N.	89 0.0	90 0.0	91 0.0	92 0.0	93 0.0	94 0.0	95 0.0	96 0.0	97 0.0	98 0.0	990.0	100 0.0	101 0.0	102 0.0	103 0.0
			N.	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
			À	Actinium	Thorium	Protactinium	Uranium	Neptunium	Plutonium	Americium	Curium	Berkelium	Californium	Einsteinium	Fermium	Mendelevium	Nobelium	Lawrencium