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Autore	Lipkin Harry J
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Mendeleev Table; Excitement About New Particles

Why these New Particles were so Confusing-A Historical Survey  
The New Mendeleev Table including all Three Generations; Chapter 6. The Forces of Nature; Gravity and Electromagnetism; Forces and Energy in the Nucleus; The Nuclear Glue; Chapter 7. The Weak Force and the Discovery of the W Particle; Index

Sommario/riassunto

In 1980, the Cold War was in full bloom. The Soviet father of the hydrogen bomb and Nobel Peace Laureate turned dissident physicist, Andrei Sakharov, had been exiled to Gorki by the Soviet authorities. Called "senile" and under heavy Soviet censorship, Sakharov had a hard time communicating his latest scientific results to readers outside of Gorki. Some smuggled results reached the author, Harry Lipkin, who then realized that he and Sakharov were both pioneers in a new revolution on our understanding the structure of matter. The particle physics community had resisted their revelation that the