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Dynamical Concepts  
on Scaling Violation and the New  
Resonances in  $e^+e^-$ Annihilation

Edited by B. Humpert

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DYNAMICAL CONCEPTS ON SCALING VIOLATION AND THE NEW

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RESONANCES IN  $e^+e^-$  ANNIHILATION

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by

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ABSTRACT

We present the essential experimental results on the total and the single-particle inclusive cross sections in  $e^+e^-$  annihilation. They show scaling violation and extremely narrow resonances in the energy range beyond 3 Gev. The theoretical ideas about these phenomena are sketched and their characteristics and implications explained. New models are proposed.

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