



# Compositeness & Technicolor

slow incremental change

approx. 3 new results per year

2008 page count reduced by pruning  
superseded results over 10 years old

is this the right age range?



# Compositeness & Technicolor

	Composite	Technicolor
2006	8.75 pages	0.5 pages
2008	5.5 pages	0.5 pages
2010	5.25 pages	0.5 pages



# Compositeness & Technicolor

## **SEARCHES FOR QUARK AND LEPTON COMPOSITENESS**

Revised 2001 by K. Hagiwara (KEK), and K. Hikasa and M. Tanabashi (Tohoku University).

If quarks and leptons are made of constituents, then at the scale of constituent binding energies, there should appear new interactions among quarks and leptons. At energies much below

## **DYNAMICAL ELECTROWEAK SYMMETRY BREAKING**

Revised August 2009 by R.S. Chivukula (Michigan State University), M. Narain (Brown University), and J. Womersley (STFC, Rutherford Appleton Laboratory).

In theories of dynamical electroweak symmetry breaking, the electroweak interactions are broken to electromagnetism by the vacuum expectation value of a fermion bilinear. These