


SU(3) Colour

TID-12608
MASTER

THE EIGHTFOLD WAY:
A THEORY OF STRONG INTERACTION SYMMETRY

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AN SU_3 MODEL FOR STRONG INTERACTION SYMMETRY AND ITS BREAKING
II *)

G. Zweig **)
CERN---Geneva

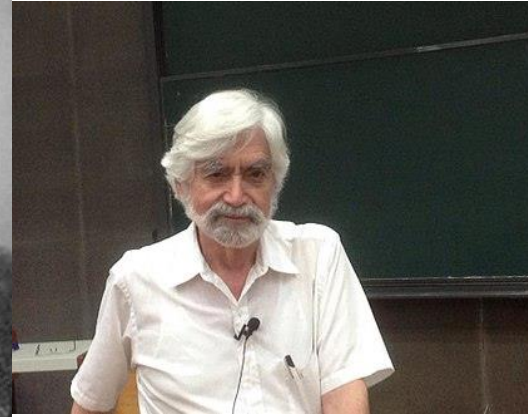
ABSTRACT

Both mesons and baryons are constructed from a set of three fundamental particles called aces. The aces break up into an isospin doublet and singlet. Each ace carries baryon



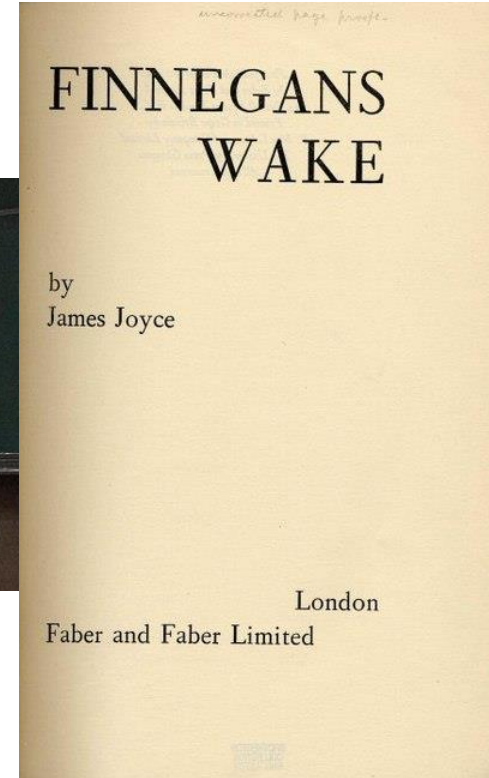
Murray Gell-Mann
1929-2019

quarks



Georg Zweig
1937 -

aces



colour charge introduced in 1972 by Harald Fritzsch & Gell-Mann
→ Quantum ChromoDynamics (QCD)