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Resonant Production of Color Octet Electron at the LHeC

In composite models with colored preons leptogluons (l_8) has a same status with leptoquarks, excited leptons and quarks etc. We analyze resonant production of color octet electron (e_8) at QCD Explorer stage of the Large Hadron electron Collider (LHeC). It is shown that the e_8 discovery at the LHeC will simultaneously determine the compositeness scale.

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