

# XVth Quark Confinement and the Hadron Spectrum



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## Recent results of Baryon electromagnetic form factors at BESIII

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At BESIII, the electromagnetic form factors (EMFFs) and the pair production cross sections of various baryons have been studied. The proton EMFF ratio  $|G_E/G_M|$  is determined precisely and line-shape of  $|G_E|$  is obtained for the first time. The recent results of neutron EMFFs at BESIII show great improvement comparing with previous experiments. Cross sections of various baryon pairs ( $\Lambda$ ,  $\Sigma$ ,  $\Xi$ ,  $\Lambda_{cb}$ ) are studied from their thresholds. Anomalous enhancement behavior on the  $\Lambda$  and  $\Lambda_{cb}$  pair are observed. The relative phase of EMFFs for  $\Lambda$  and  $\Sigma^+$  are measured for the first time.

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