

X atom

Content

The $X(3872)$, whose mass coincides with the $D^0\bar{D}^0$ threshold, is the most extended hadron object. Since its discovery $D^+\bar{D}^0$ composite system with positive charge parity and a mass of $(3879.89 \pm 0.07) \text{ MeV}$, formed mainly due to the Coulomb force. New insights into the $X(3872)$ will be obtained through studying the X atom.

Summary

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