## Answer on question #62448, Physics / Quantum Mechanics

Classify the following particles as Baryons, Mesons and Leptons:  $\mu$ ,  $v_e$ , e,  $\Sigma^+$ ,  $\Lambda$ , p,  $K^+$ ,  $\eta^0$ ,  $\pi^+$ ,  $\pi^-$ 

## Answer:

Baryons:  $\Sigma^+$ ,  $\Lambda$ , p.

Mesons:  $K^+$ ,  $\eta^0$ ,  $\pi^+$ ,  $\pi^-$ .

Leptons: µ, v<sub>e</sub>, e.

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