

Kaonic systems

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In this talk I shall make a review of recent developments concerning the $\bar{K}N$ interaction and kaonic systems. I shall discuss recent works on $\bar{K}N$, motivated by the successful measurement of the K^-p atom in SIDHARTA. More evidence of the two poles of the $\Lambda(1405)$ from the $K^-d \rightarrow n\Lambda(1405)$ reaction will be shown. As to other systems with more baryons I shall discuss the status of the $\bar{K}NN$ system and possible \bar{K} -nuclear states. In addition I shall also discuss systems with KKN or $K\bar{K}N$ or three kaons, which have been investigated very recently. Finally I shall also discuss the renormalization of the K^* in nuclei, where the K^* has a width six times larger than the free one.

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