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## Resonance effects in bound states interaction kernels

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We present results on the study of decay-channel effects in the properties of hadrons using covariant Bethe-Salpeter equations (BSEs). The main goal will be to develop BSE kernels that contain explicit decay mechanisms. This will be first explored in the meson sector where, for example, a kernel suitable to study the rho meson should contain a virtual  $\pi \rightarrow \pi + \pi$  decay mechanism. This will be tackled by including explicit pion degrees of freedom in addition to quarks and gluons.

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