

Abstract Submitted  
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**Hadronic loop correction of charmonium decays<sup>1</sup>** DI-LUN YANG,  
Dept. of Physics Duke University — Recently, the effect of next leading order  
correction from intermediate hadronic loops to the charmonium decays has been  
widely studied. However, the coupling constants of the charmonium multiplets and  
heavy mesons cannot be directly measured from experiments. In this talk, we will  
present the investigation of hadronic loop correction to both hadronic decays and  
radiative decays of the lowest excited states of charmonia and try to extract the  
reasonable coupling constants.

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