Contribution ID : **16**   Type : **not specified**

The general relativistic two-body problem at 5PN

Tuesday, 20 September 2022 10:00 (60)

The talk will deliver insight into the general relativistic conservative binary dynamics through the fifth post-Newonian (5PN) order. Through the 4PN order, the well established methods and results get summarized. At the 5PN order, a recently completed computation is presented including comparisons with the literature. Partial results through the 6PN order get reported.

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