1145-05-1241   **Ana Luzon*** (`anamaria.luzon@upm.es`), ETSI Montes, Forestales y Medio Natural, Ciudad Universitaria s/n, 28040 Madrid, Spain, 28040 Madrid, Madrid, Spain. *On some complementary Riordan arrays.*

I am going to deal with the m-complementary of a Riordan array. In particular, I will compute Catalan triangle's complementary. Using this, I will provide an answer to Shapiro's question 4 proposed in 4RART in Madrid. I will compute the complementary for another examples of Riordan arrays. Moreover, I will propose some related questions. I am going to look for some symmetries within bi-infinite Riordan matrices with extra properties. In particular, I will solve $D^{\{\perp\}} = -D$ for D in the Riordan group. (Received September 20, 2018)

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