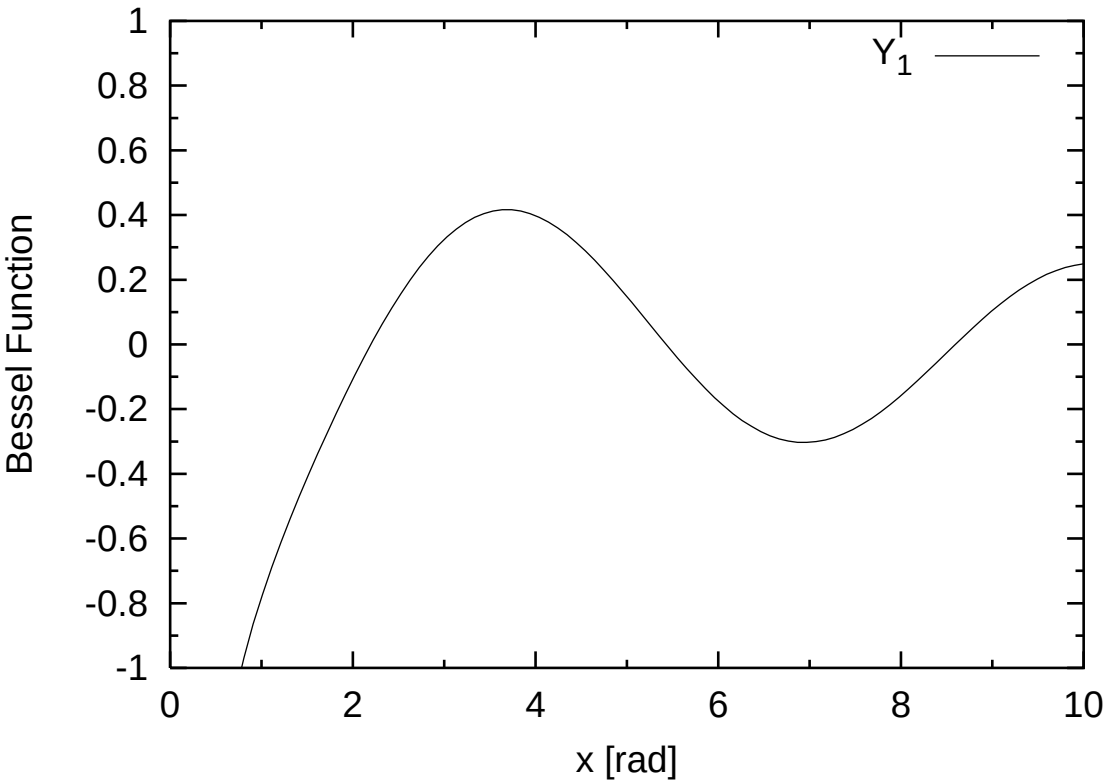Fig. 4 : Kawano, T. (Kyushu U.)