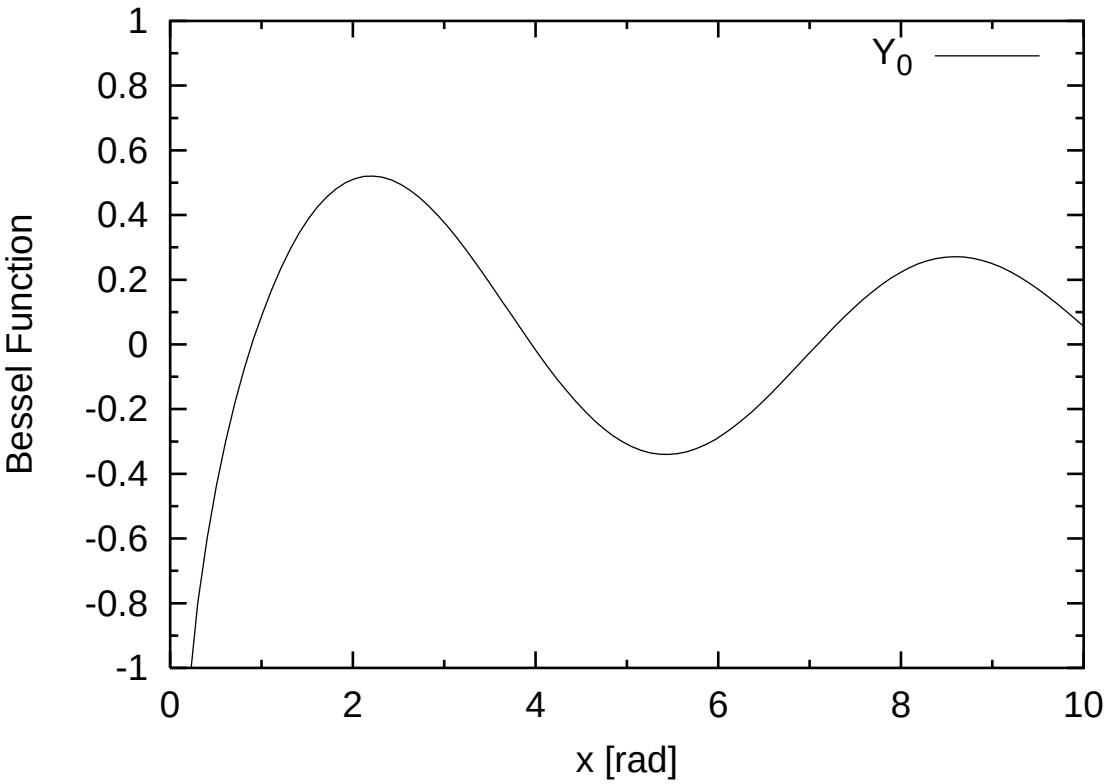Fig. 3 : Kawano, T. (Kyushu U.)