

Enhanced particle and energy transport from edge plasma is observed and may cause a problem for a future operation of a thermonuclear reactor. Plasma edge turbulence presents a complex problem which is not fully theoretically understood. We chose a simple, mathematically simply described potential, which represents first approximation of the realistic one. Resulting dynamics led, for certain class of parameters, to a phenomenon known as Lévy walks, which is the cause of an anomalous enhanced diffusion. It is shown that for typical tokamak's parameters it is in this class and therefore it can be a cause of an anomalous transport in plasma.