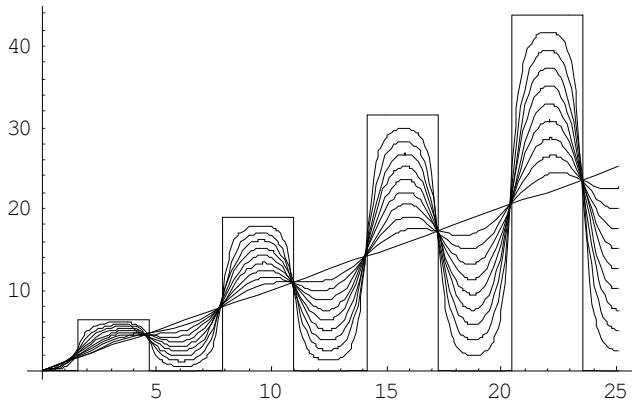


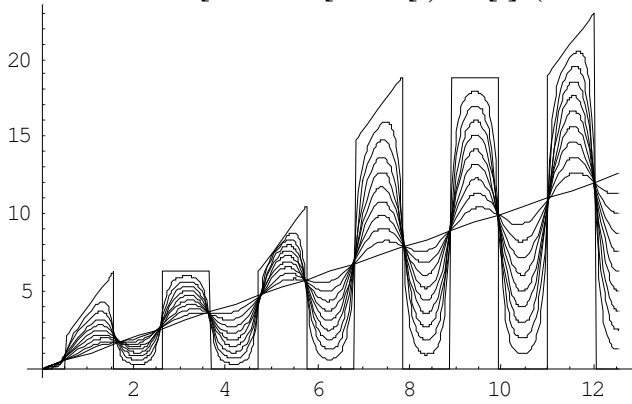
$$\text{dex}[t]=1 - 0.1u \text{Cos}[t] / \text{Sqrt}[1 - (0.1u \text{Sin}[t])^2]$$

ParametricPlot[Evaluate[Table[t, dex[t]*(t + ArcSin[0.1u Sin[t]])],{u, 0, 10}, {t, 0, 8Pi}]]



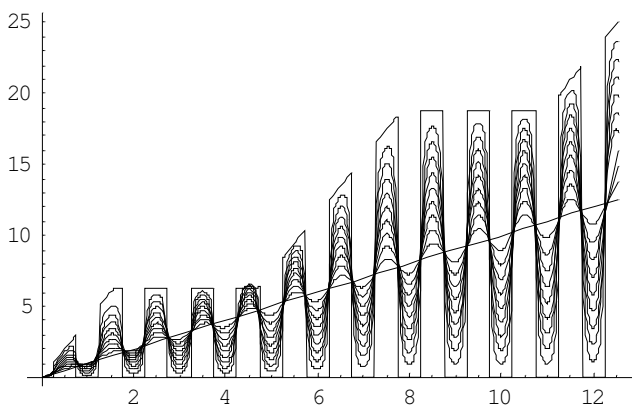
$$\text{dex}[t]=1 - 0.1u \text{Cos}[3t] / \text{Sqrt}[1 - (0.1u \text{Sin}[3t])^2]$$

ParametricPlot[Evaluate[Table[t, dex[t]*(t + ArcSin[0.1u Sin[t]])],{u, 0, 10}, {t, 0, 4Pi}]]



$$\text{dex}[t]=1 - 0.1u \text{Cos}[2Pi t] / \text{Sqrt}[1 - (0.1u \text{Sin}[2Pi t])^2]$$

ParametricPlot[Evaluate[Table[t, dex[t]*(t + ArcSin[0.1u Sin[t]])],{u, 0, 10}, {t, 0, 4Pi}]]



$$\text{dex}[t]=1 - 0.1u \text{Cos}[t] / \text{Sqrt}[1 - (0.1u \text{Sin}[t])^2]$$

ParametricPlot[Evaluate[Table[t, (dex[t] + 1)*(4t + ArcSin[0.1u Sin[4t]])],{u, 0, 10}, {t, 0, 8Pi}]]

