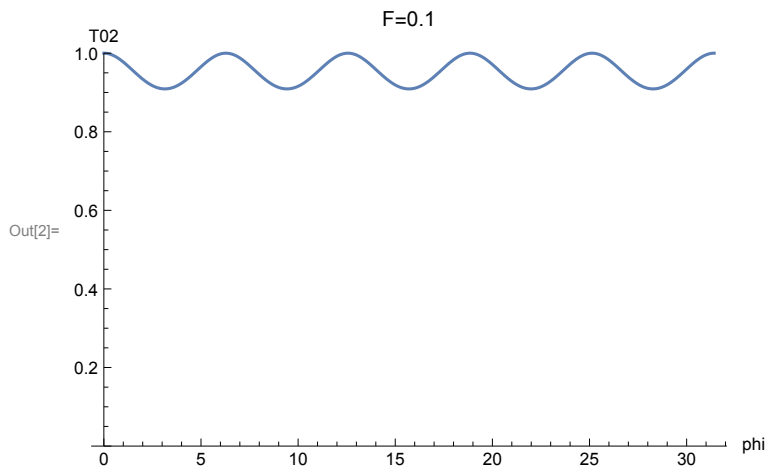


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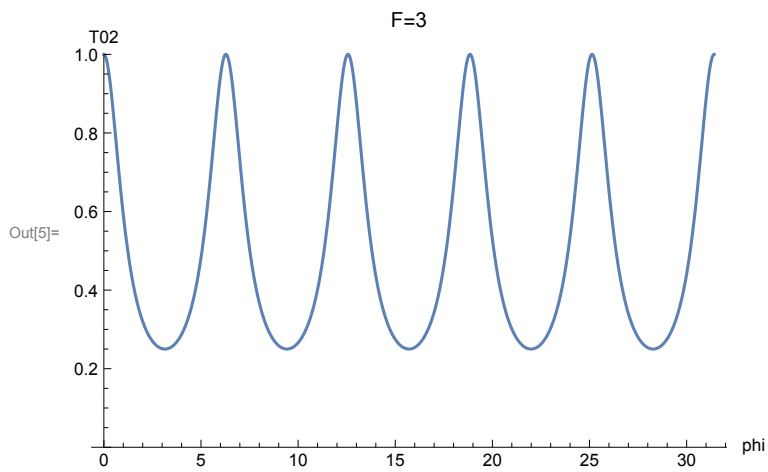
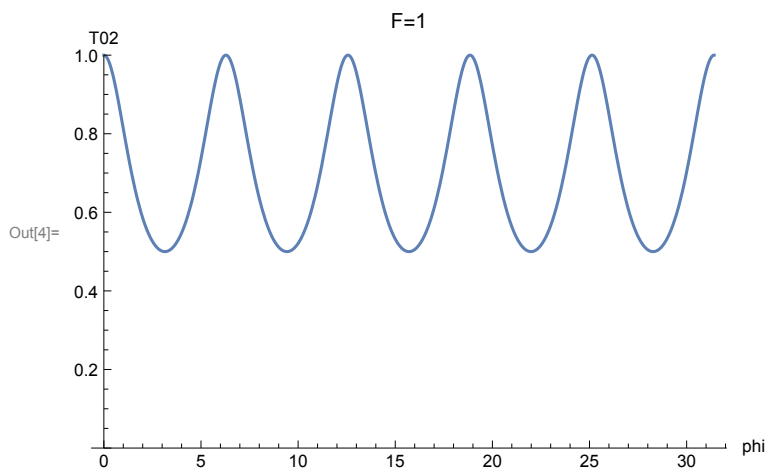
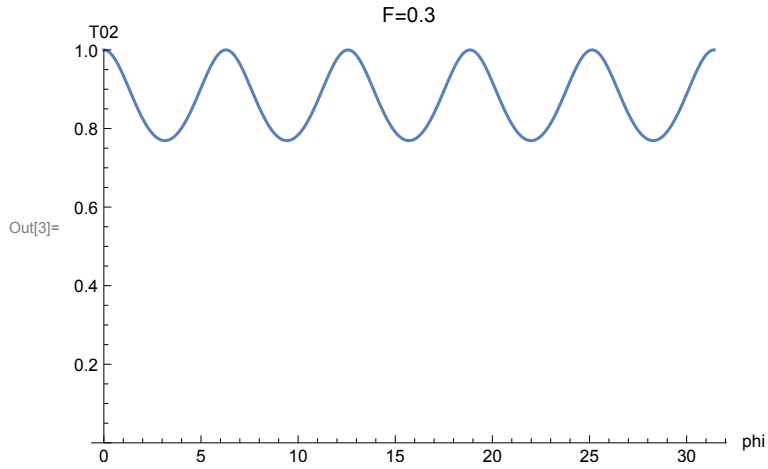
In[1]:= (* Making plots of T02 for various F's, with Tmax set to 1 *)
T02[phi_] = 1 / (1 + F Sin[phi/2]^2)
Plot[T02[phi] /. {F -> 0.1}, {phi, 0, 10 Pi},
  PlotRange -> {0, 1}, PlotLabel -> "F=0.1", AxesLabel -> {"phi", "T02"}]
Plot[T02[phi] /. {F -> 0.3}, {phi, 0, 10 Pi}, PlotRange -> {0, 1},
  PlotLabel -> "F=0.3", AxesLabel -> {"phi", "T02"}]
Plot[T02[phi] /. {F -> 1}, {phi, 0, 10 Pi}, PlotRange -> {0, 1},
  PlotLabel -> "F=1", AxesLabel -> {"phi", "T02"}]
Plot[T02[phi] /. {F -> 3}, {phi, 0, 10 Pi}, PlotRange -> {0, 1},
  PlotLabel -> "F=3", AxesLabel -> {"phi", "T02"}]
Plot[T02[phi] /. {F -> 10}, {phi, 0, 10 Pi}, PlotRange -> {0, 1},
  PlotLabel -> "F=10", AxesLabel -> {"phi", "T02"}]
Plot[T02[phi] /. {F -> 30}, {phi, 0, 10 Pi}, PlotRange -> {0, 1},
  PlotLabel -> "F=30", AxesLabel -> {"phi", "T02"}]
Plot[T02[phi] /. {F -> 100}, {phi, 0, 10 Pi}, PlotRange -> {0, 1},
  PlotLabel -> "F=100", AxesLabel -> {"phi", "T02"}]
Plot[T02[phi] /. {F -> 300}, {phi, 0, 10 Pi}, PlotRange -> {0, 1},
  PlotLabel -> "F=300", AxesLabel -> {"phi", "T02"}]
Plot[T02[phi] /. {F -> 1000}, {phi, 0, 10 Pi}, PlotRange -> {0, 1},
  PlotLabel -> "F=1000", AxesLabel -> {"phi", "T02"}]

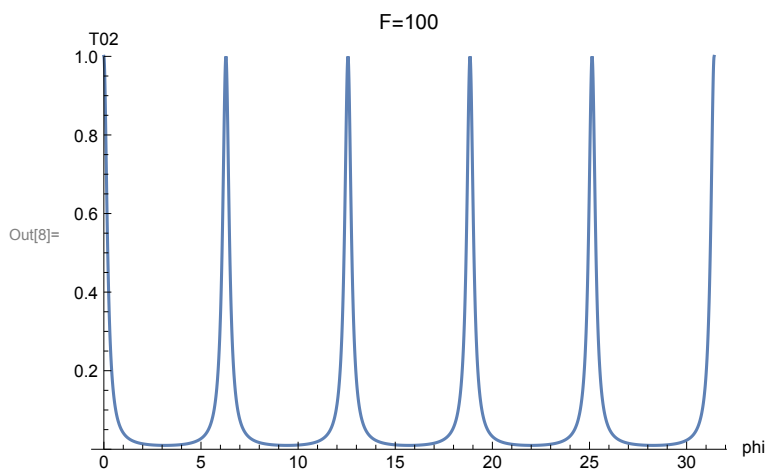
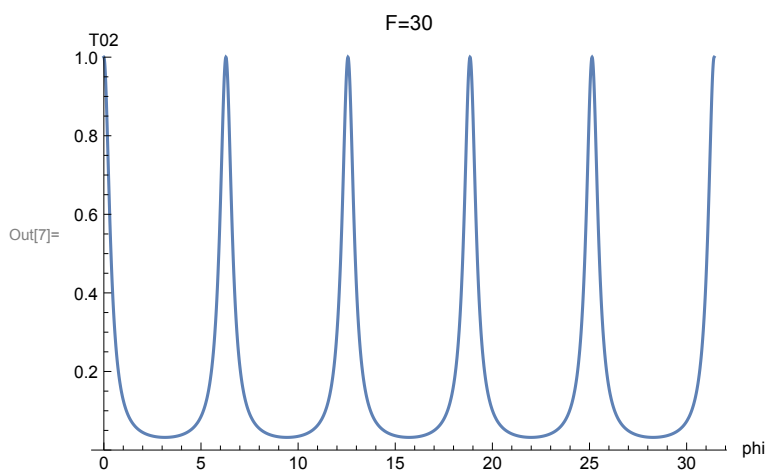
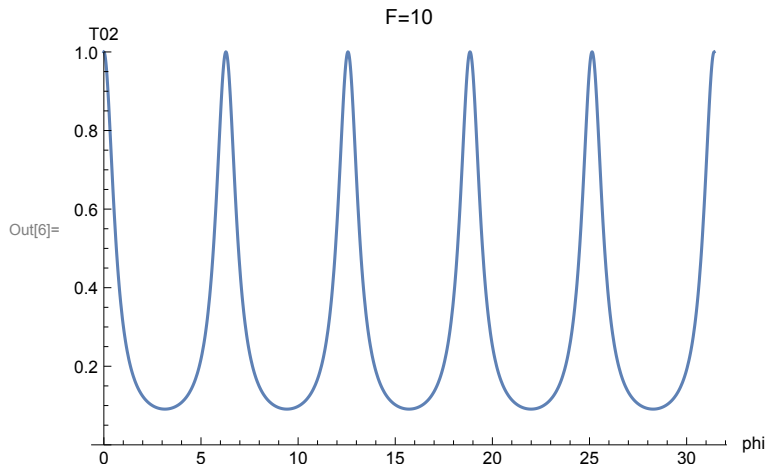
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Out[1]= 
$$\frac{1}{1 + F \sin\left[\frac{\phi}{2}\right]^2}$$



2 | day 12 - plots of T02 for various F's.nb





4 | day 12 - plots of T02 for various F's.nb

