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m = 0.2;
k = 10;
b = 0.1;
Dee = 0.02;
omeganot = Sqrt[2 * k / m];
beigha = b / (2 * m);
A[f_] :=
  (k * Dee) / (m * Sqrt[(omeganot^2 - (2 * Pi * f)^2)^2 + 4 * beigha^2 * (2 * Pi * f)^2]);
Plot[A[x], {x, 0, 10}, PlotRange -> Full, AxesLabel -> {f, Amplitude}]
LogPlot[A[x], {x, 0, 10}, PlotRange -> Full, AxesLabel -> {f, Amplitude}]

Fase[f_] := ArcTan[omeganot^2 - (2 * Pi * f)^2, 2 * beigha * 2 * Pi * f];
Plot[Fase[x], {x, 1, 2}, PlotRange -> Full, AxesLabel -> {f, Phase}]

```



