

```

In[1]:= ClearAll["Global`*"]

In[2]:= fexp2[log10r1_, log10r2_] :=
  {Exp[-10^log10r1] + Exp[-10^log10r2], Exp[-10^log10r1 * 2] + Exp[-10^log10r2 * 2],
   Exp[-10^log10r1 * 3] + Exp[-10^log10r2 * 3]};
fexp2λ[log10r1_, log10r2_, λ_] := λ * fexp2[log10r1, log10r2] +
  (1 - λ) * ({log10r1, log10r2, 0} / 2 + 1);

In[6]:= v = Table[
  Show[{ParametricPlot3D[fexp2λ[log10r1, log10r2, λ], {log10r1, -2, 2}, {log10r2,
    -2, 2}, AxesLabel → {Style["t=1", FontSize → 15, FontWeight → "Bold"],
    Style["t=2", FontSize → 15, FontWeight → "Bold"],
    Style["t=3", FontSize → 15, FontWeight → "Bold"]},
    PlotRange → {{0, 2}, {0, 2}, {0, 2}}, PlotStyle → Opacity[0.1], Mesh → 5],
    ListPointPlot3D[Table[fexp2λ[i, i, λ], {i, -2, 2, .02}], PlotStyle → Red],
    ListPointPlot3D[Table[fexp2λ[i, -2, λ], {i, -2, 2, .02}], PlotStyle → Blue],
    ListPointPlot3D[Table[fexp2λ[-2, i, λ], {i, -2, 2, .02}], PlotStyle → Green],
    ListPointPlot3D[Table[fexp2λ[i, 2, λ], {i, -2, 2, .02}], PlotStyle → Cyan],
    ListPointPlot3D[Table[fexp2λ[2, i, λ], {i, -2, 2, .02}], PlotStyle → Magenta]}],
  {λ, Join[List[0, 0, 0], Range[0, 1, 0.05], List[1, 1, 1]}}];

In[7]:= Export["~/Desktop/morphing_sumexp2.gif", v, "DisplayDurations" → 0.2];

```