

```

In[97]:= Manipulate[
  Row[{
    Plot[
      {E^x, Log[x]},
      {x, -10, 10},
      PlotRange → {{-5, 5}, {-5, 5}},
      PlotStyle → Black,
      Ticks → None,
      AspectRatio → 1,
      ImageSize → 200,
      Epilog → {
        PointSize@0.02,
        Point[{{t, E^t}, {E^t, t}}],
        Red, Line[{{t, E^t}, {E^t, t}}]
      }
    ],
    Plot[
      Sqrt[(E^x - x)^2 + (x - E^x)^2],
      {x, -15, 15},
      Ticks → None,
      PlotStyle → Black,
      ImageSize → 300,
      PlotRange → {{-4, 4}, {0, 20}},
      Epilog → {
        PointSize@0.02, Red,
        Point[{t, Sqrt[(E^t - t)^2 + (t - E^t)^2]}]
      }
    ]
  }],
  {{t, 1}, -6, 6}
]

```

Out[97]=

