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SetDirectory["C:\\drorbn\\AcademicPensieve\\Talks\\Matemale-1804"]
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MakeImage["RestrictingAQuadratic", Show[  
  Plot3D[x2 + y2, {x, -1, 1}, {y, -1, 1}, Boxed → False, Ticks → False, Axes → False],  
  ParametricPlot3D[{t - 0.5 (1 - t), -0.5 t + (1 - t), (t - 0.5 (1 - t))2 + (-0.5 t + (1 - t))2},  
    {t, 0, 1}, PlotStyle → {Red, Opacity[1], Thickness[0.05]}],  
  Graphics3D@{Blue, Opacity[0.5],  
    Polygon@{{1, -0.5, 0}, {-0.5, 1, 0}, {-0.5, 1, 2}, {1, -0.5, 2}}},  
  AspectRatio → 1, ViewPoint → {-2.93879, -0.903137, 1.41345}, ViewVertical → {0., 0., 1.}  
], ImageSize → 800]
```

