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Diagram illustrating the integral  $T_{34} = \int_0^{\xi_3} L_4 dx$ . The horizontal axis represents  $x$ , and the vertical axis represents  $L_4$ . The diagram shows a horizontal line with four blue dots and black squares at the ends. A vertical dashed line labeled  $\xi_3$  is positioned at the third dot. A curve labeled 1 starts at the first dot, dips below the horizontal line, and then rises above it. A vertical line segment labeled 1 connects the curve to the horizontal line at the fourth dot.

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