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The IEEE And Semidefinite Programming Based Tests For ...Lution Of A Linearly Constrained Quadratic Optimization Problem [15]:  $F^* = \min Z^T Q z \text{ s.t. } A z \leq b, Z^T z = 1$  If There Exists A Solution Of The LMI  $Q - A \sim C A^2 \succeq 0$  Where  $C$  Is A Copositive Matrix, Then It Immediately

Fol- Lows That  $F^* \geq 2 Y$ . Thus, Having Semidefinite  
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