

International J. of Math. Sci. & Engg. Appls. (IJMSEA)  
ISSN 0973-9424, Vol. 7 No. III (May, 2013), pp. 193-203

## PATH AND STAR RELATED GRAPHS ON SUPER VERTEX GRACEFUL

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### Abstract

In this paper, we show that the union of two stars is SVG graph; the union of two subdivisions of star is SVG graph; the union of two paths is SVG graph;  $P_m \Theta K_{1,n}$  for  $m$  is even and  $n \geq 1$ ; all extended even banana trees are SVG; a regular caterpillar is SVG; and also an odd length regular lobster is SVG.

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Key Words : *Star, Path, Extended banana tree, Caterpillar, Lobster.*

MR Subject Classification : 05C78.

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