

TikZ

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Ngày 17 tháng 8 năm 2023

Tóm tắt nội dung

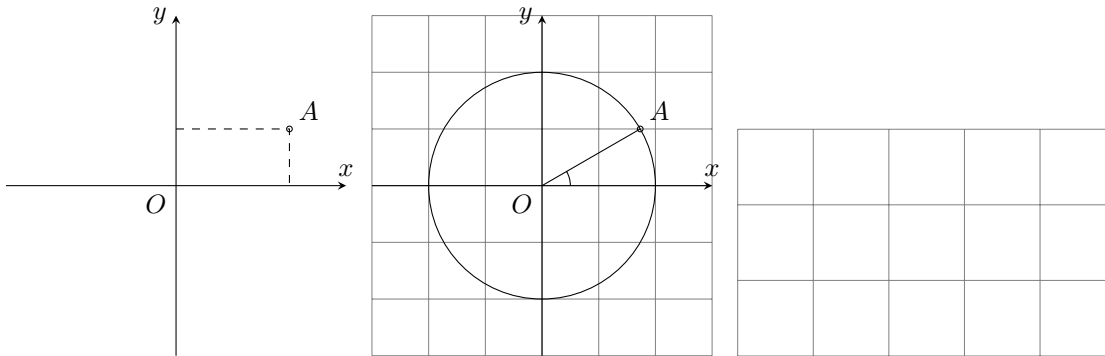
A personal practice of drawing figures in \LaTeX by using TikZ package.

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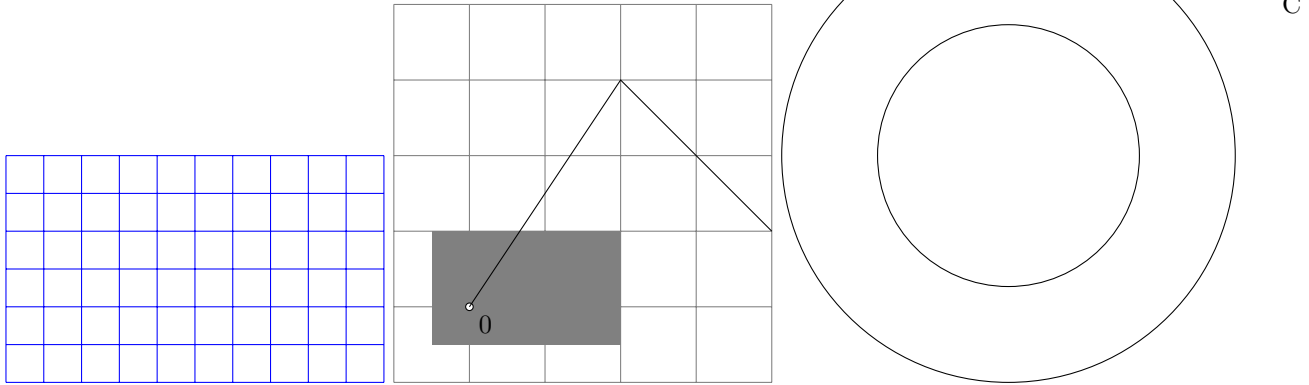
1 Coordinate System – Hệ Trục Tọa Độ

See Quĩ, 2022.

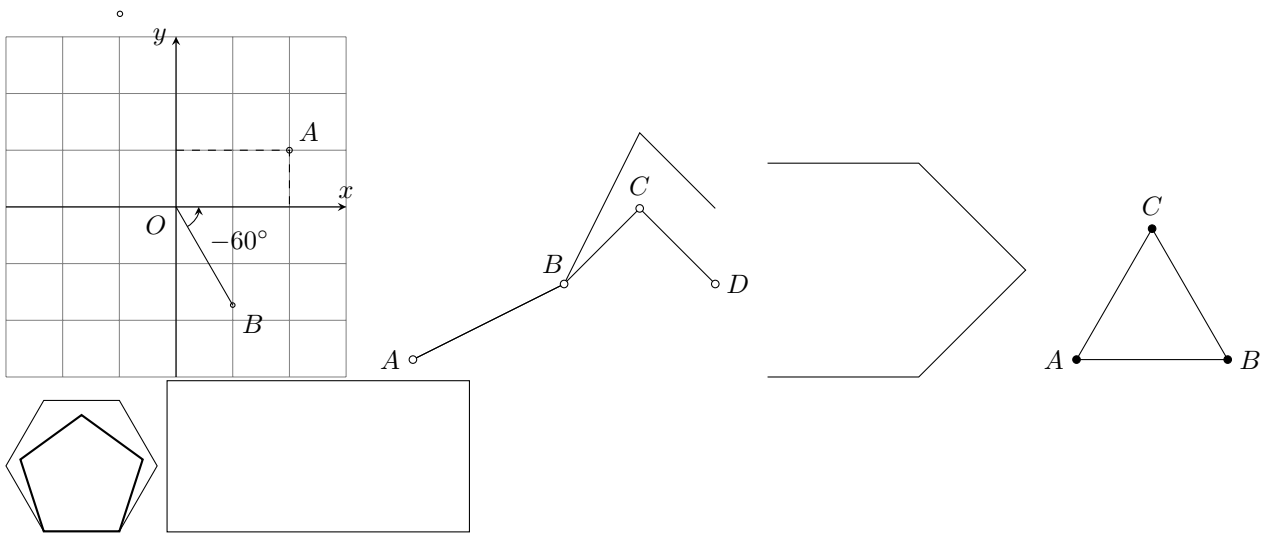
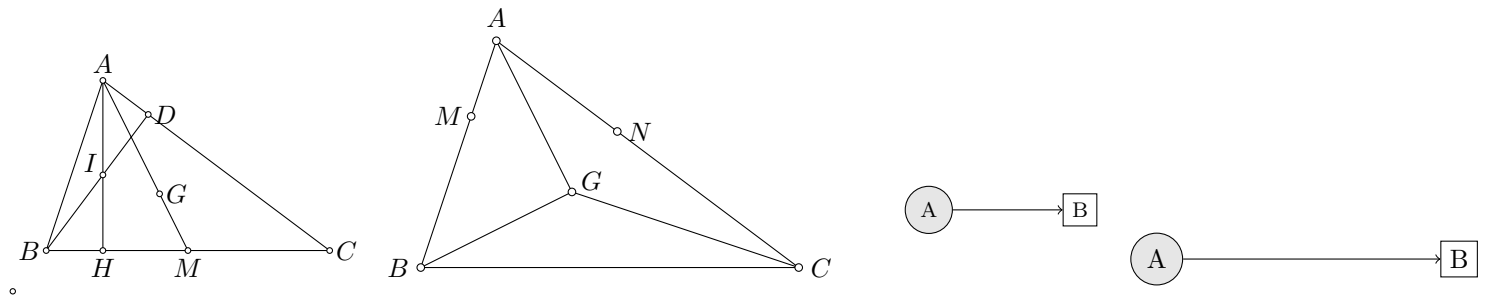


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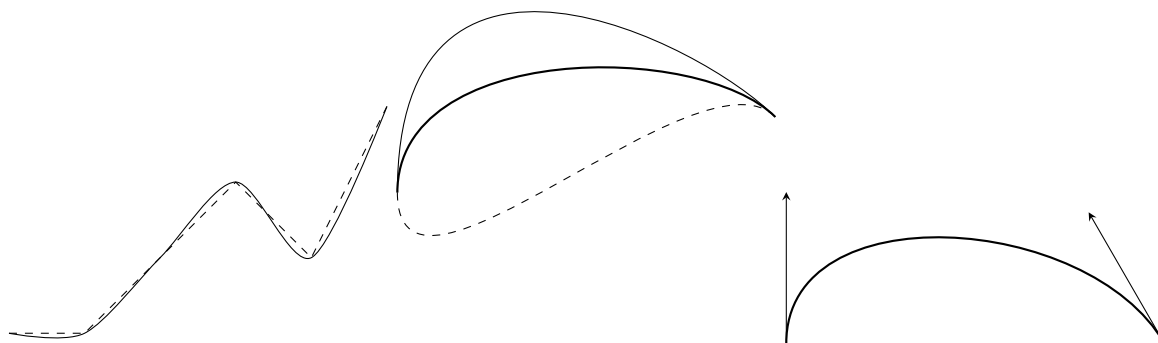
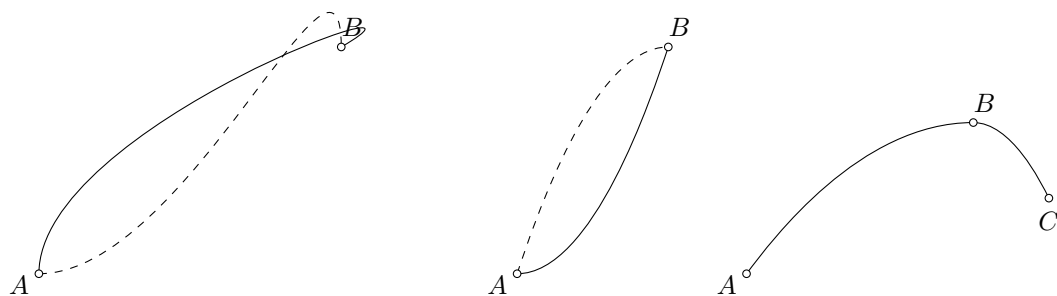
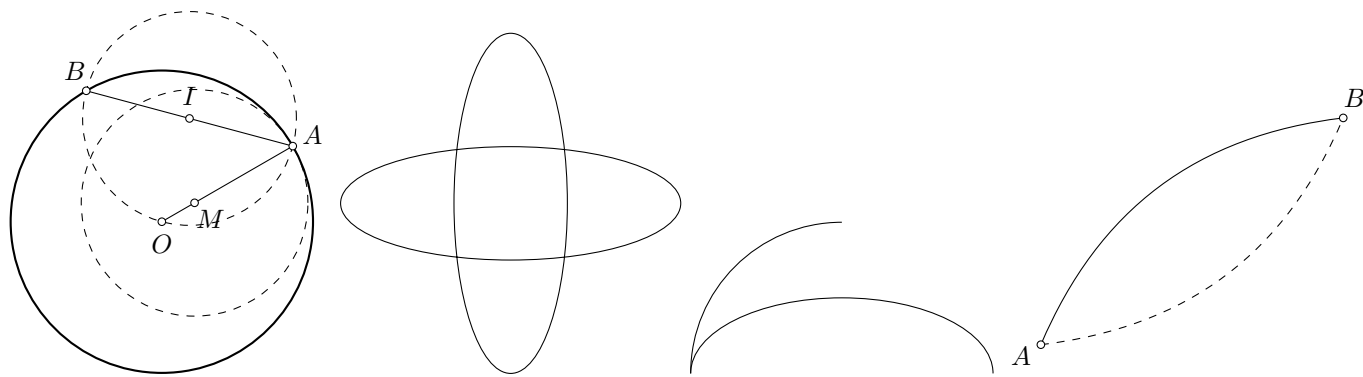
B



2 Triangle – Tam Giác

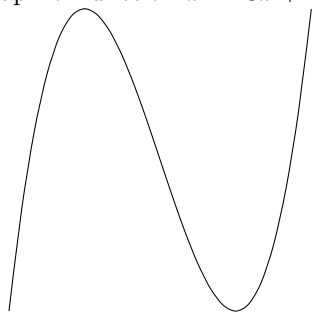


3 Curve – Đường Cong

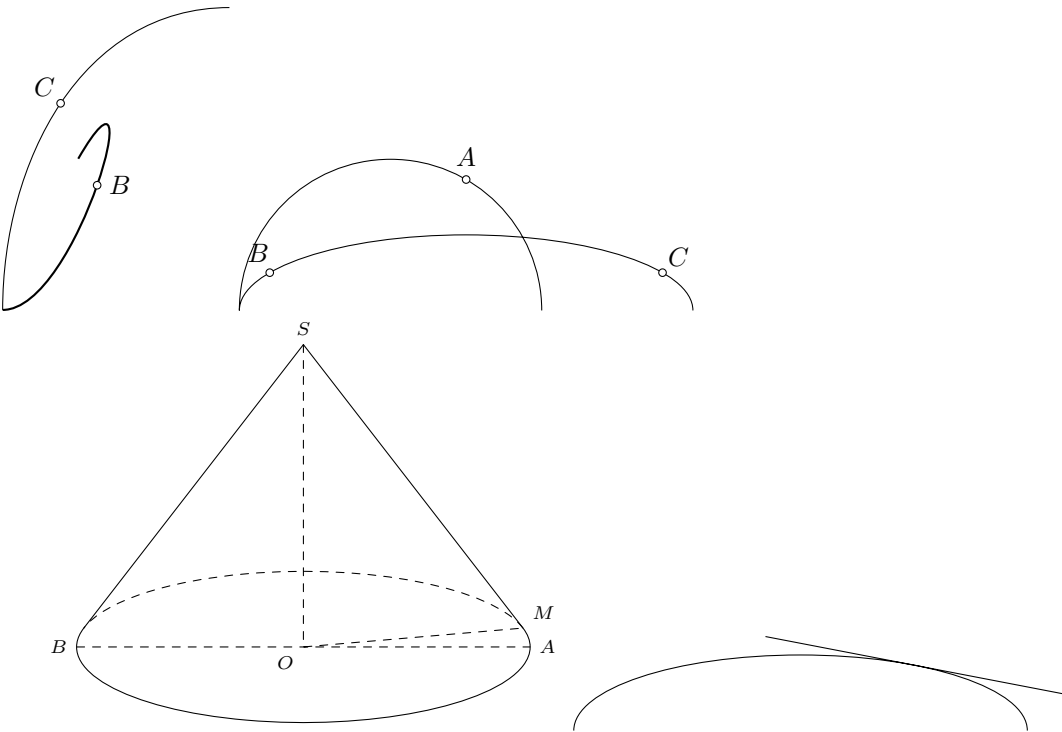


4 Function Graph – Đồ Thị Hàm Số

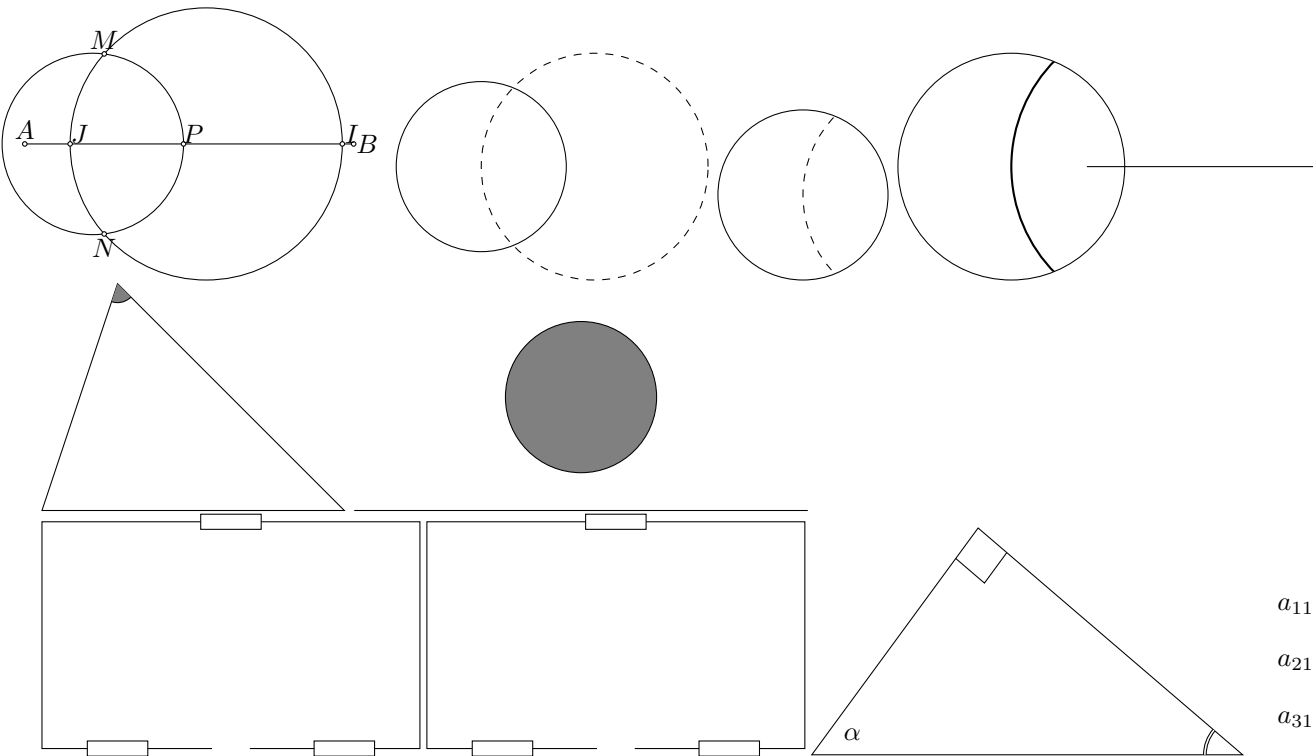
Graph of function $x^3 - 3x + 1$:



5 Tangent of Curve – Tiếp Tuyến của Đường Cong

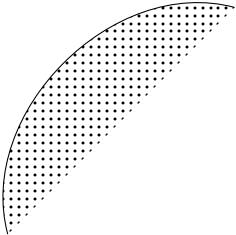
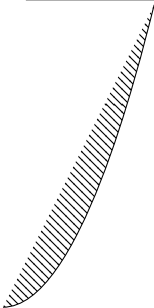
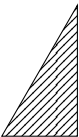


6 Intersection of Lines – Giao Điểm của Các Đường

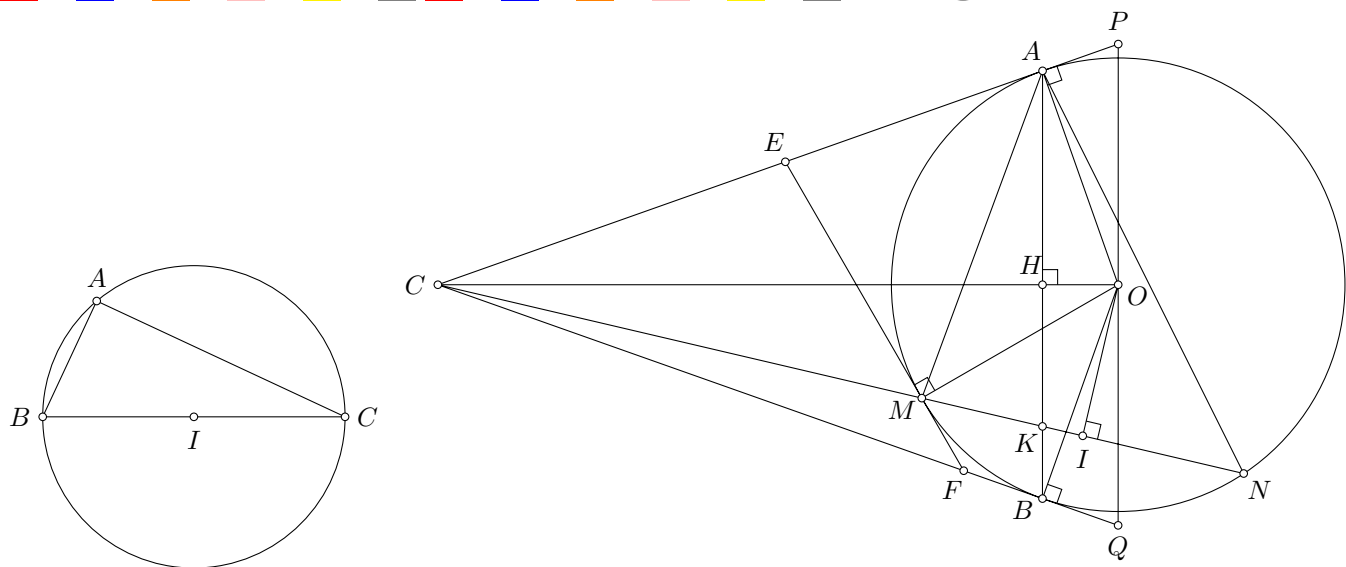
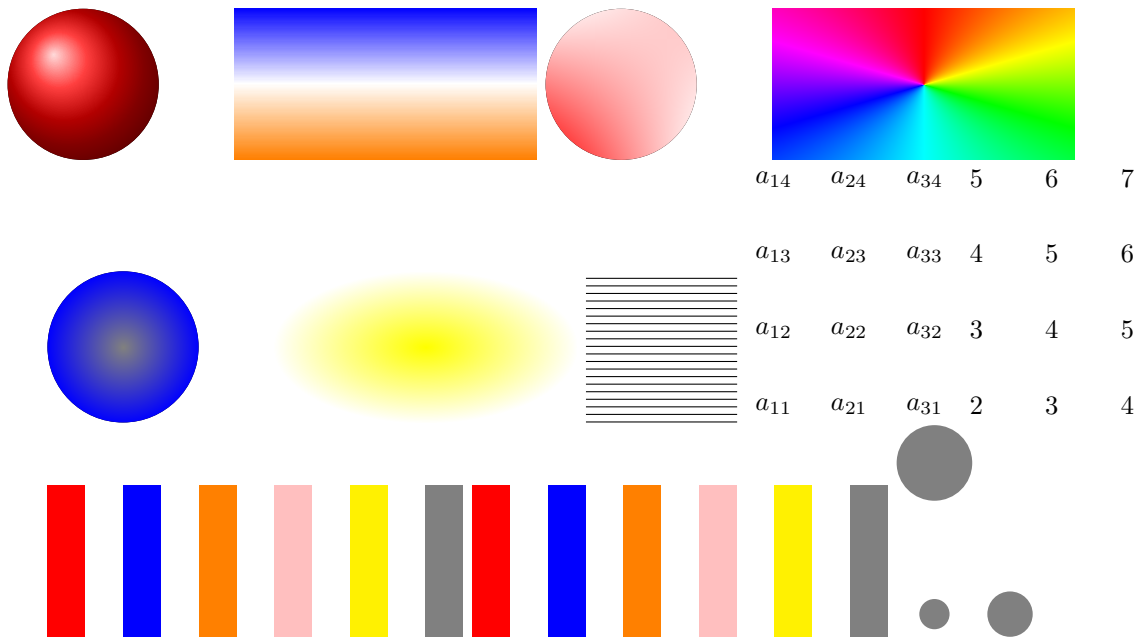


a_{11}	a_{12}	a_{13}
a_{21}	a_{22}	a_{23}
a_{31}	a_{32}	a_{33}

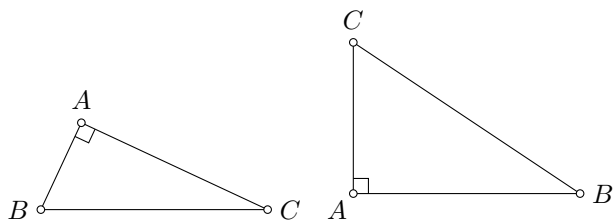
x	$-\infty$	-1	2	$+\infty$	
$f'(x)$	$-$	0	$+$	0	$-$



7 Shading



8 Triangle



9 Miscellaneous

Tài liệu

Quỹ, Bùi (2022). *TikZ & L^AT_EX Vẽ Hình Toán Phổ Thông*. IMOBooks Nhóm Vẽ Hình Khoa Học TikZ–Asymptote. Nhà Xuất Bản Đại Học Quốc Gia Hà Nội, p. 247.