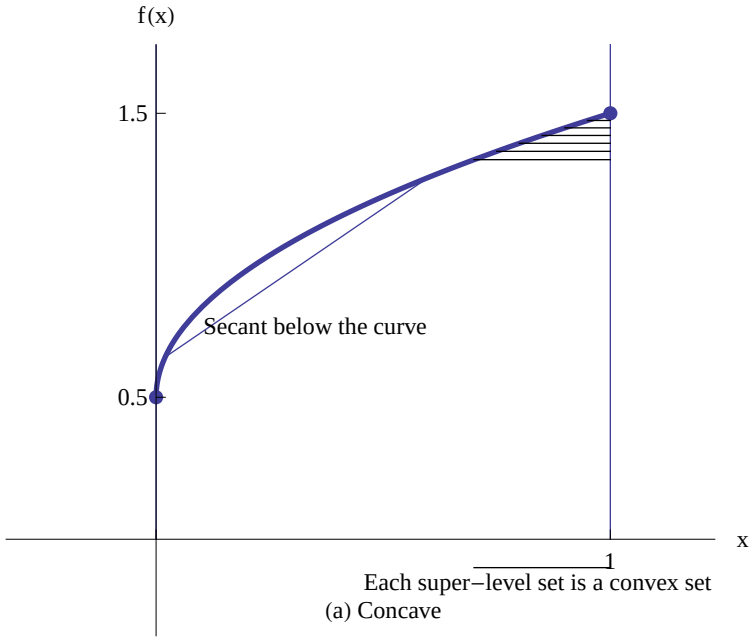
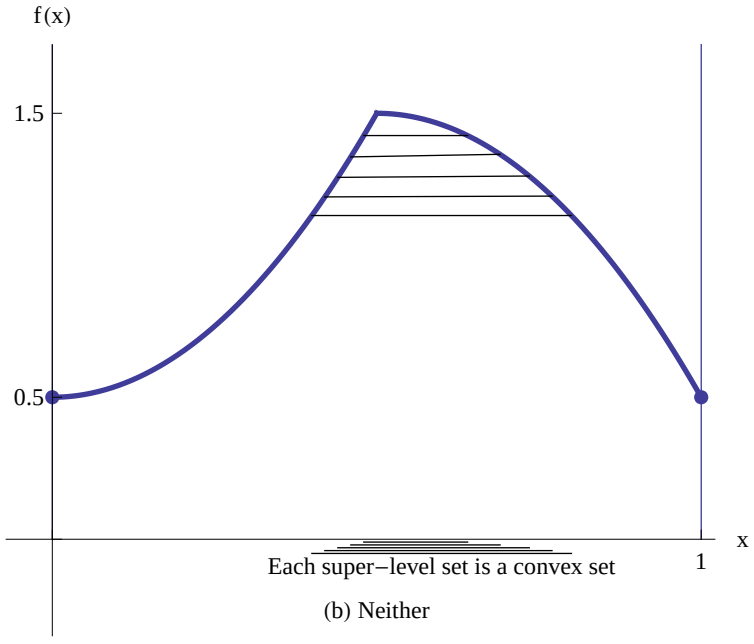
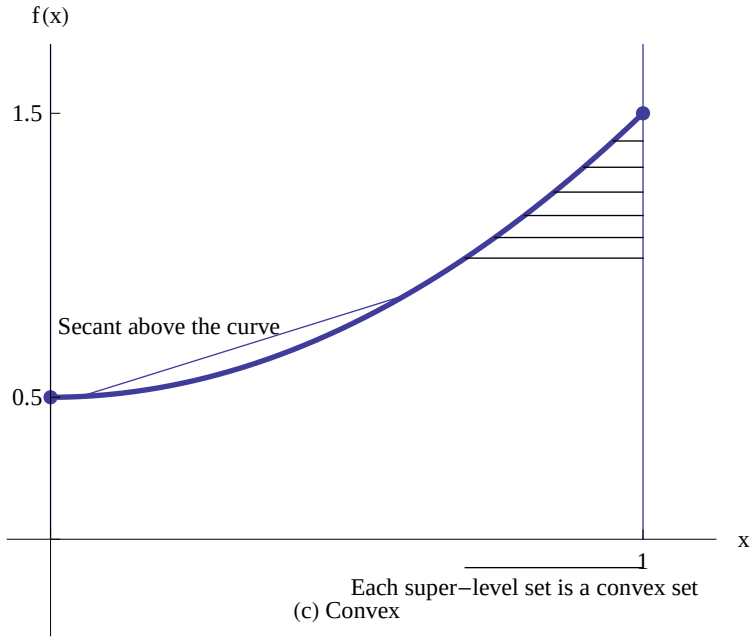


(a) Concave



(b) Neither



(c) Convex