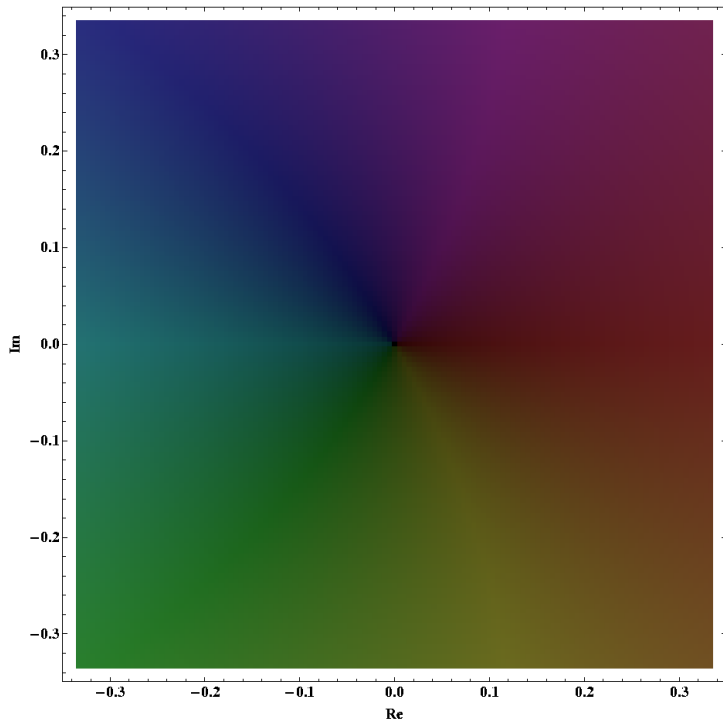


MA30056: Complex Analysis

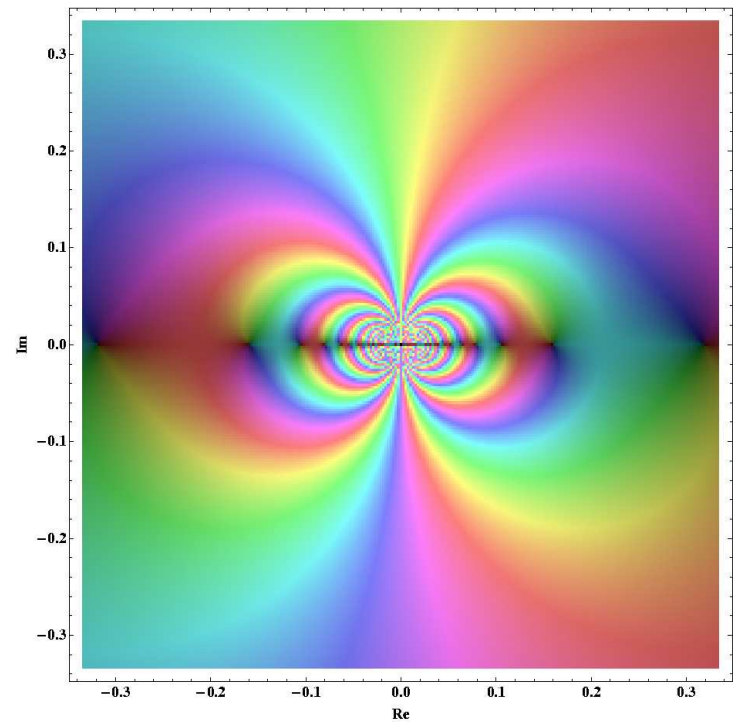
SINGULARITIES

Categorise the following eight complex function according to their behaviour at the origin into 3 (or 4) categories – then guess which functions you are looking at!

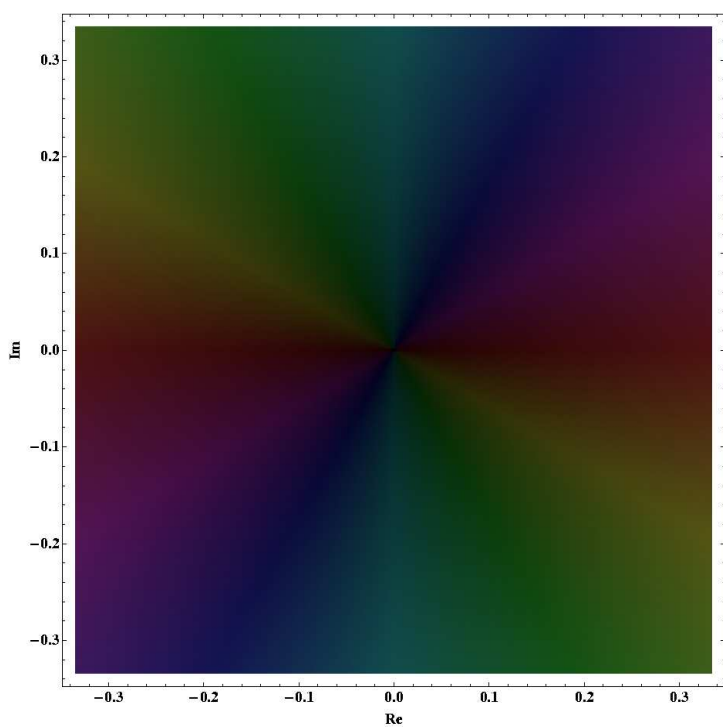
(a) _____



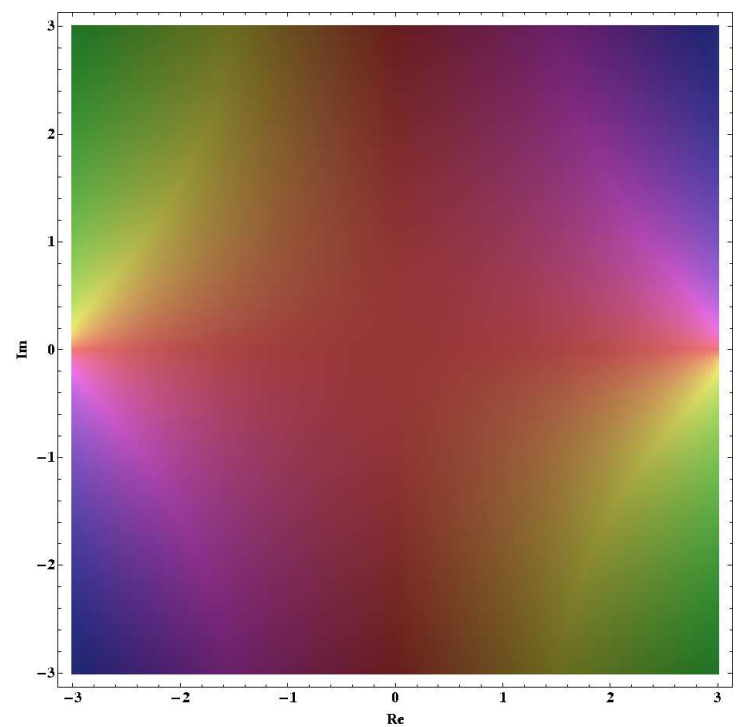
(b) _____



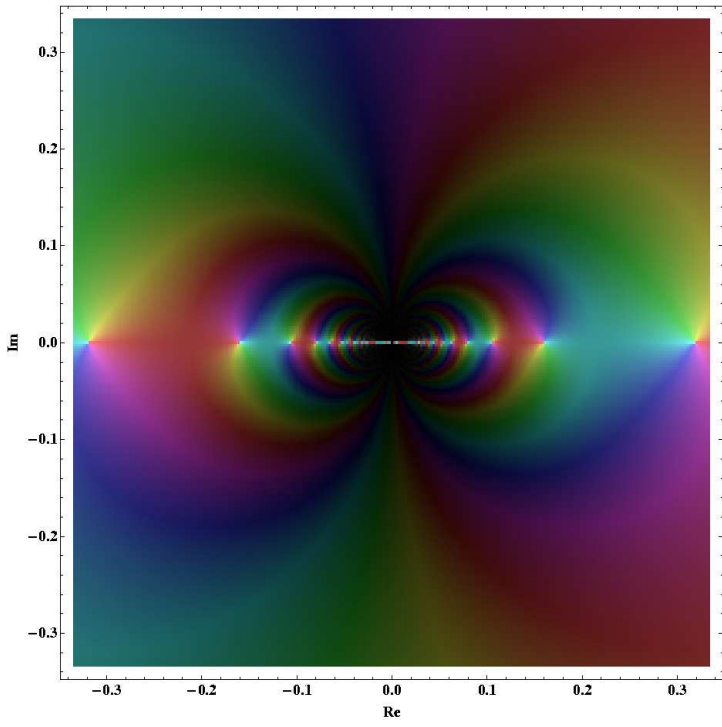
(c) _____



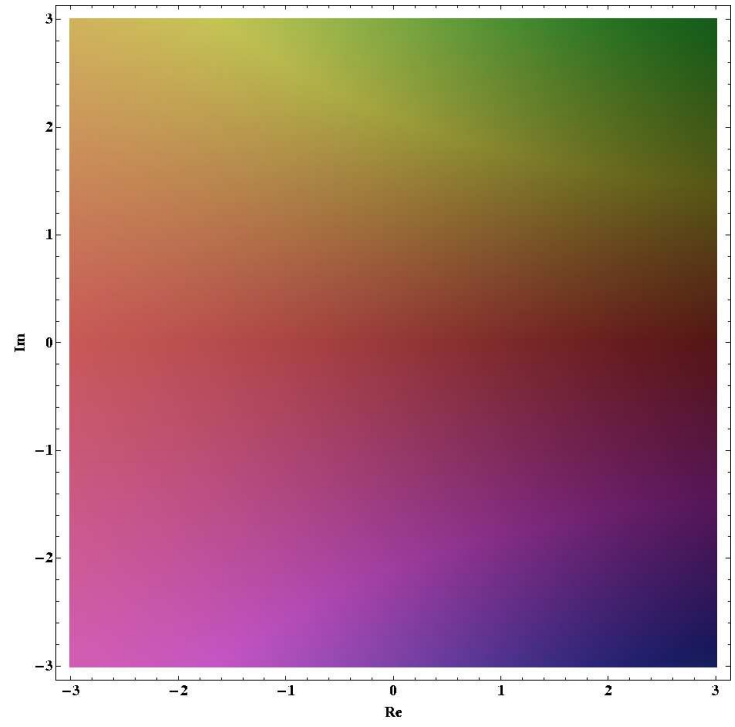
(d) _____



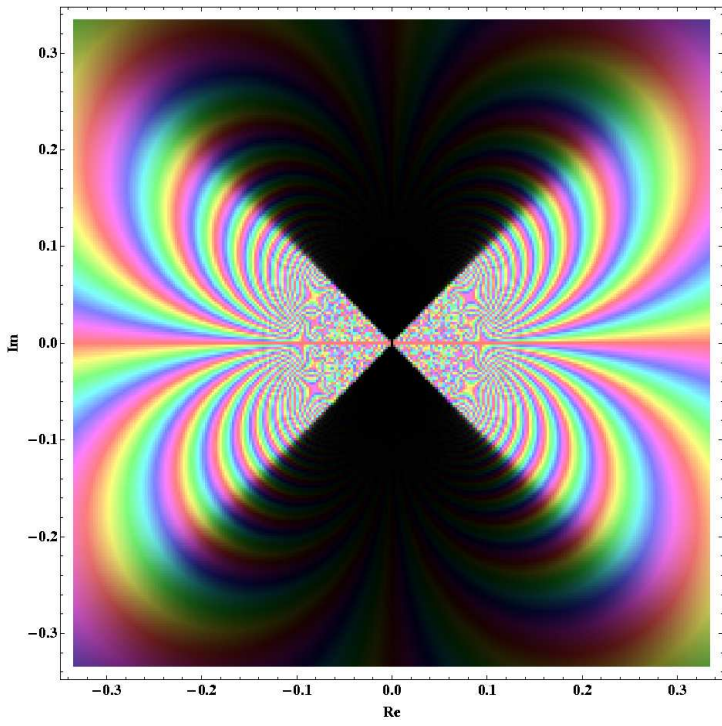
(e) _____



(f) _____



(g) _____



(h) _____

