

(x,-a)+ (x2-b)+ c ellipse yes we can shaller a points as we have the flexibility of choosing ab. for all combinations 3 points shaftened -> possible vc dim = 94 (ab)x,+(%) x2 20 (0) => ab x1 + cx2 20 9+ is a hyper plane in 3-D space but goes through origin a, b will be shattered but (0)(d) will not be shattered because we can't control the intercept as it has to gothrough Origin.