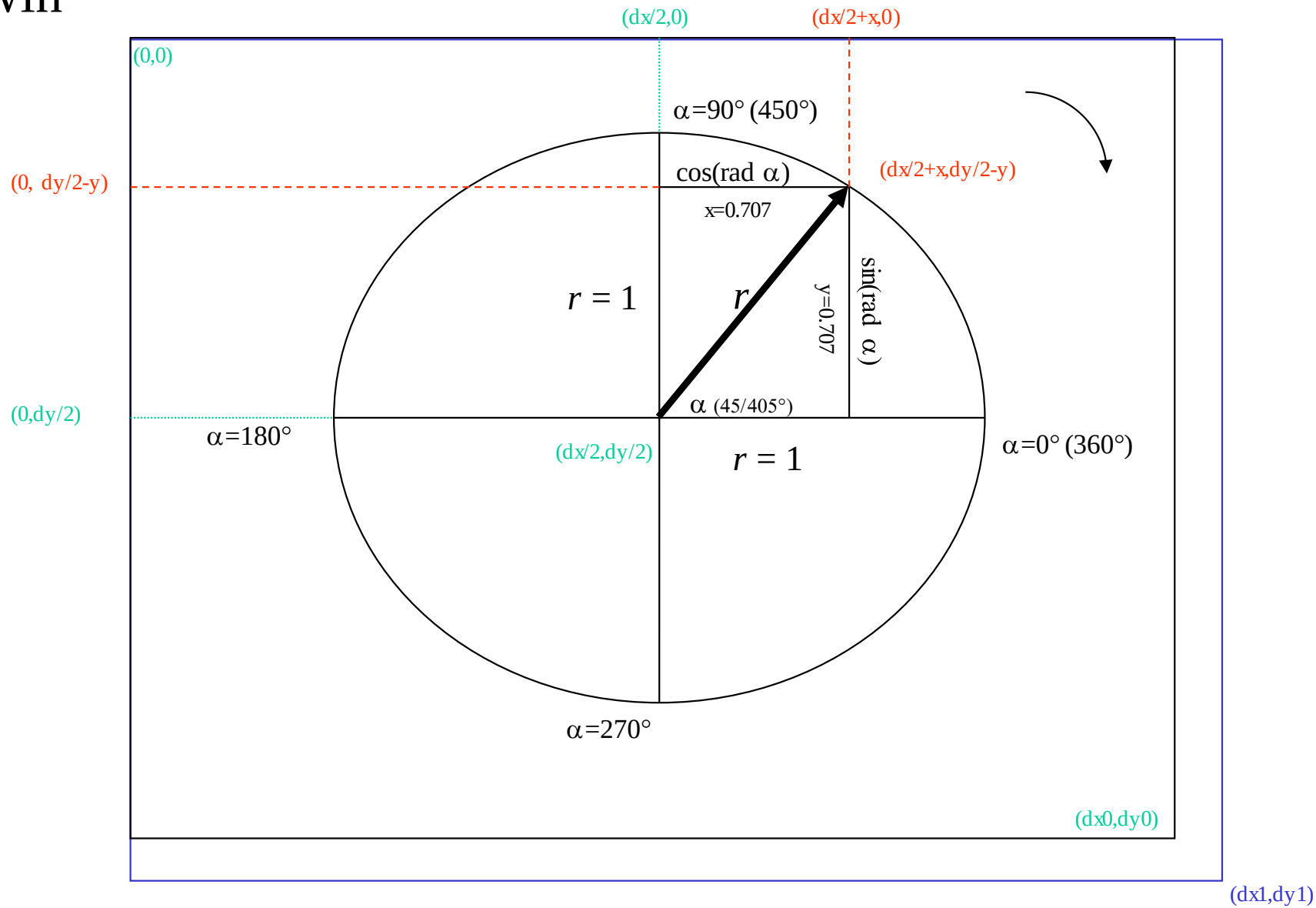
UHRwin



1) $x_{sec} = \mathrm{COS}(\mathrm{RAD}(450 - (^{360}/_{60}) \cdot sec))$ $y_{sec} = \mathrm{SIN}(\mathrm{RAD}(450 - (^{360}/_{60}) \cdot sec))$

$x_{min} = \mathrm{COS}(\mathrm{RAD}(450 - (^{360}/_{60}) \cdot min))$ $y_{sec} = \mathrm{SIN}(\mathrm{RAD}(450 - (^{360}/_{60}) \cdot min))$

$x_{std} = \mathrm{COS}(\mathrm{RAD}(450 - (^{360}/_{12}) \cdot std))$ $y_{std} = \mathrm{SIN}(\mathrm{RAD}(450 - (^{360}/_{12}) \cdot std))$

2) $x = x(^{dx1}/_{dx0})$ $y = y(^{dy1}/_{dy0})$

3) $x = x \cdot r$ $y = y \cdot r$

D. G. Schrausser