## EFFECT OF A CHANGE TN DM ON THE SUB-BURST DRIFT

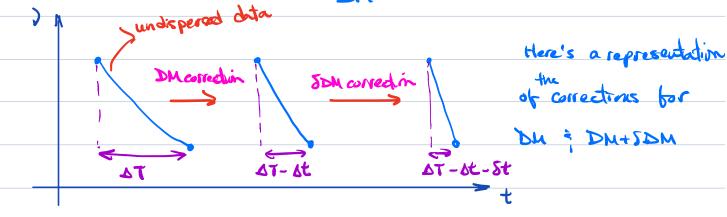
When a dedespersion is applied to a dynamic spectrum the bollowing correction is effected to the arrival time

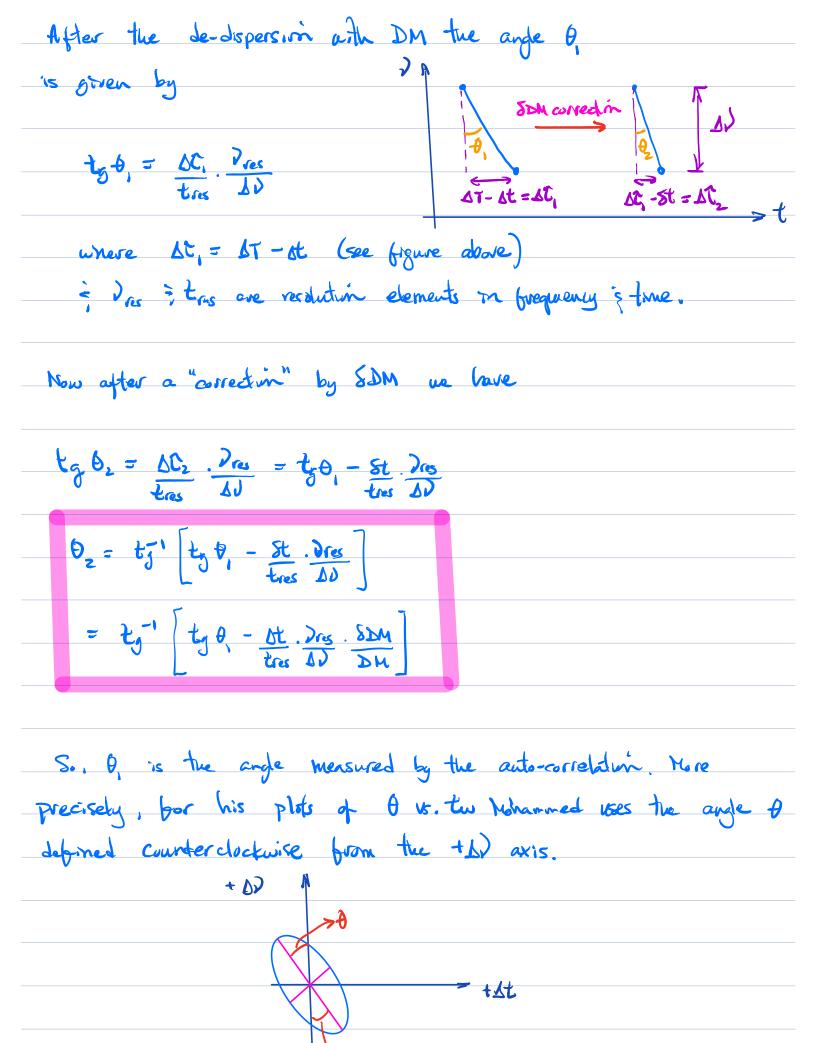
where a = 4.1488064239 GH2 Cm Pc 1 ms. Let's define

: letu set D, CD2 (i.e., St>0).

he now apply a small change SDM to DM

$$\Delta t + St = a \left( \frac{1}{2} - \frac{1}{2} \right) \left( DM + SDM \right)$$
  
=  $\Delta t + a \left( \frac{1}{2} - \frac{1}{2} \right) SDM = \Delta t \left( 1 + SDM \right)$   
 $\overline{DM}$ 





he therefore effectively have θ=θ It bollow that & can be evaluated from of it one can determine 8t = a(0:2-02-2) SDM = St SDM ٠٠ کې .