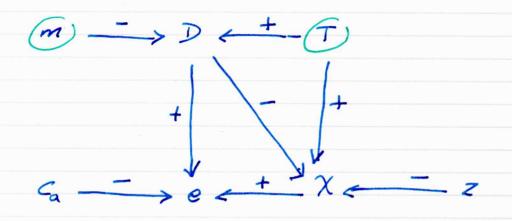
symbols: m = moisture indext (growing - staron) D = vapous pressure deficit (growing - ceason) T = temperature (daytive, growing - season) X = Ci/Ca ratio: formula below Z = elevation $Ca = ambient CO_2$ e = ratio of vater use to Cassimilation



 $e = 1.6 \frac{D}{G_{\alpha}(1-\chi)}$ Tree = veconstructed temperature of the contract of of

 $\chi = \frac{\xi}{\xi + \sqrt{D}} \cdot \left(1 - \frac{\Gamma_{*}}{c_{a}}\right) + \frac{\Gamma_{*}}{c_{a}}, \quad \xi = \sqrt{\frac{\beta(K + \Gamma_{*})}{1.6 \eta^{*}}}$