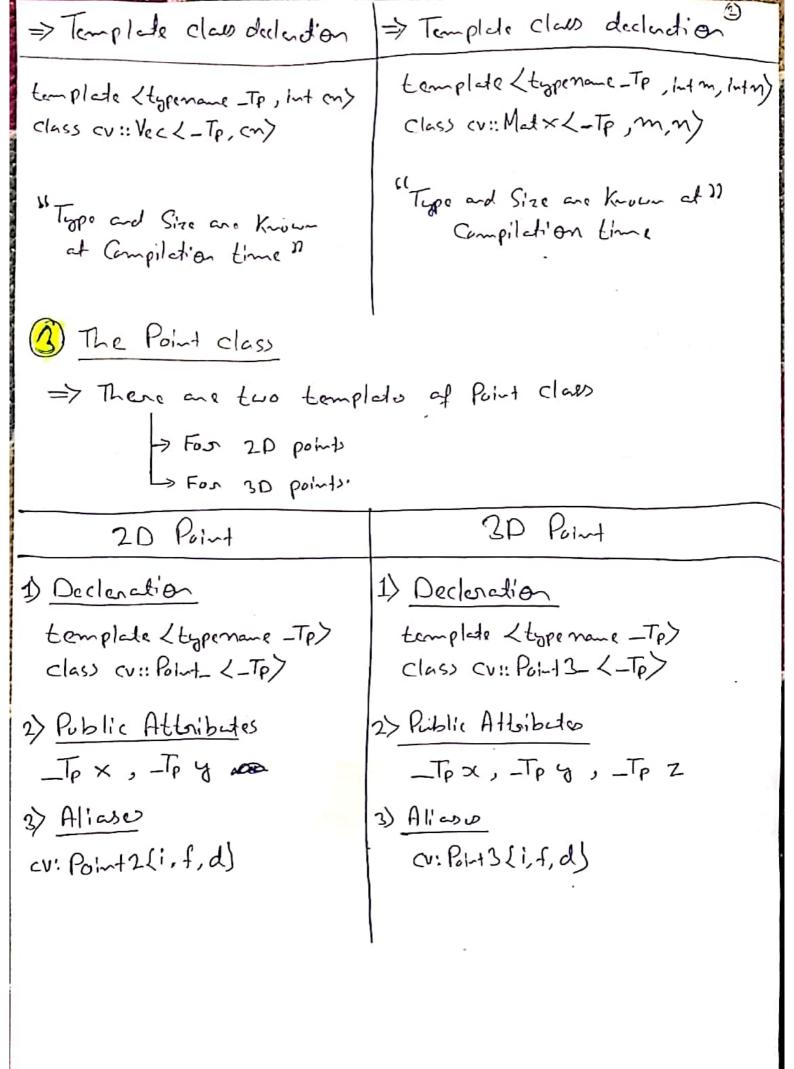
OpenCu dalatype (Smell Size Objects) D CV:: Melx () CV::Vec<>> (for hadling Small) Matrices for hadling Small) Aliases Alliases cv: Mct x [1,2,3,4,6] (1,2,3,4,6) (f,d) Cv:: Vec {2,3,7,6} (b, w, s, 1, 1,d) b > Uchan 8 bit CV:: Matx <- Tp, cn, 17 w ⇒ ushoont 16 bit S => Short 16 bit i > 1~+ cv: Vec <-Tp.cm> 32 bit f => float 32 bit 64 bit d ⇒ double => The dimensionality of the fixed vector and marboix class must be known at compile time. => Acessing andividual Elements => Acessing andividual Elements Openator () (Int sow, Int col) Openatar() (Inti) opendos[] (Inti) operation () (Int i)

=> For other operators

refley documentation.

>> For other operators,



1 The cu: Scalon class

CV:: Vec <-Tp, 4>

CV:: Scalan-<-Tp>

⇒ Decleration

template < typenan -Tp>
Clas cv:: Scalar-<-Tp>

=> Elements can be accessed Some as Vactor.

=> Aliano typedaf Scalan_ (double) cv:: Scalan

5 The Size class

=> Declenation templete < typename -

templete < typenane _Tp>
class cv:: Size_<_Tp>

=> Public attailbudes
-Tp height, -Tp width.

=> Alianes

typedef Size-Lint> Size2i; typedef Size-Lflood> Size2f; typedef Size-Ldouble> Size2d;

- 6 The cui Rect class
- => Declaration

template < typemane _Tp>
Class cu:: Rect _ < _Tp>

=> Public Attributes

-To height

To width

To width

To be forced of the top left commen of forced on the forced of the f

- >> Aliases cv:: Rect2{i,f,d}
- 1 The CV: Rotated Rect Class

=> This is one of the few CHA Open CV interfere that the

=> Public Attoributes

flood angle [Rotalian angle in degrees]
Point2f Center { Center point}
Size2f Size [longth of sides]

=> declaration

template Ltypenane -Tp> Class cu:: Complex L-Tp>

>> Public attailedos

Tp me _Tp one

=> Aliasos

CV: Complex Lf, d)