IGNSS Huad er GNSS konceptuelt Til hvilket nivear her vi brug for viden? GPS Virkemade ( (ejtretules) Availability Accuracy Intertacing Coordinate systems, projections, dutums

2.2.2 Solelite positioning dual atomic clock L5 1176 MNZ Fej1 20.000 Km/12 Geenetin Atmcs60e SPS Multipath pps DG-PS RTK

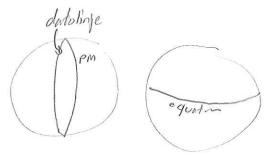
Pscudorense: Pi = | ril + buic + E; sum at male left for satellist 1

Solvins for X, y, t, 6 reaches 4 equations (salellites) 20 Fix: Solve for x, y, b, use & from table

DEPS

Derlock

PRN 300m lons, pracising 0,5 m, be rebolse periode 19 cm long Pracisian ca. Imm Geosrafiske koordinaler Lansde-og briddegraden [-90; +90[ [-180; +180[



N 55. 36732° N 55° 22.039' N 55° 22' 02.4" E010.43192° E010° 25.915' E010° 25' 54,9"

Accurate (stercirke/beregning) Not Euler angles and lines

Decimal accuracy

## Transverse Meccoto- Projection

Mop projection: Transformation between geographic coordinates and plane coordinates

Flattening -> distriction, 80°s to 84°N Appelsin ces papir 60 Zones TM Foldes ul typical 6° projection zone o, increasins \_ equatur 10,000,000 decreusing 500,000m UTM Central meridian 60 Zones

OTM
Example 32 UE590756mN6136601m
Problem ved Fore coersonse

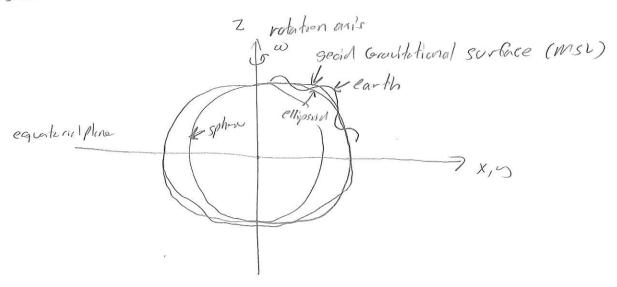
60 Fones

PM is Fone

30

20 belts

(not relevan)



The orthornetric height is
the altitude above (below) MSL
(geoid), also called geoidal height
and often altitude or elevation

H secreth

Secreth

Bellipsold

h: ellipsoid height (measured + 3ps)
H: orthornelik height (MSC) (gecido)
N: geoid height /se peration
negative when geoid is below
was 86

Hzh-n

SGPGGA

Field 9: Orthometric height (H)

Field 11: Good seperation (N)