

Agenda



History

why an inventor? Why not a Professor?

3 min.

Actual weak points on orientation

8 min.

Solutions

Munich Orientation Convention

7 min.

Evacuation exercises: room/ building / city

2 min.

Things to do / discussions

5 min.

Visit to Stachus Underground

17h

History

why not a professor?

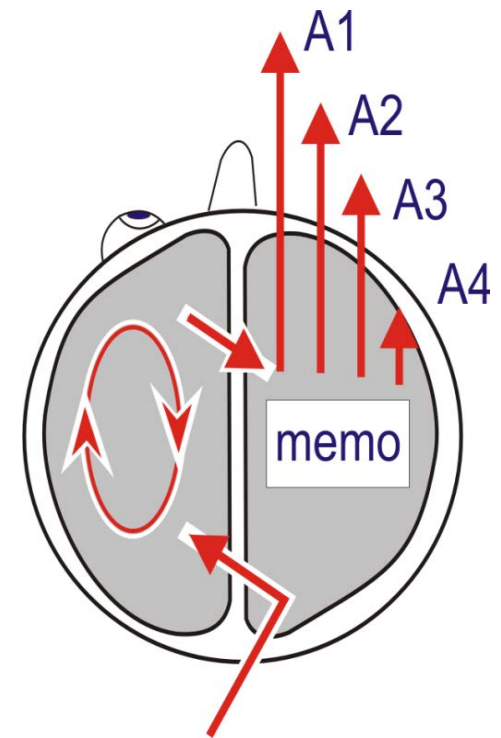


S. Paulo / house numbering in Japan

Rio: natural orientation

1971: Metro München

1977 TUM research,
flight communication



NAME angle

male / female

Weak point vertical maps



catastrophe !!



Child:
emperor is naked

Volksnav.de/DIN

Reality = horizontal! Map = vertical !!

North isn't „above“

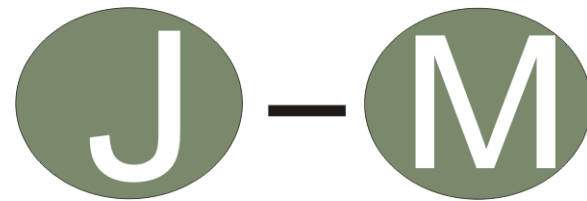
Accuracy?

Missing reference to reality

weak points
signage



idiocy !!



QuoVides



QuoVides(R) 12



QuoVides(R) 9

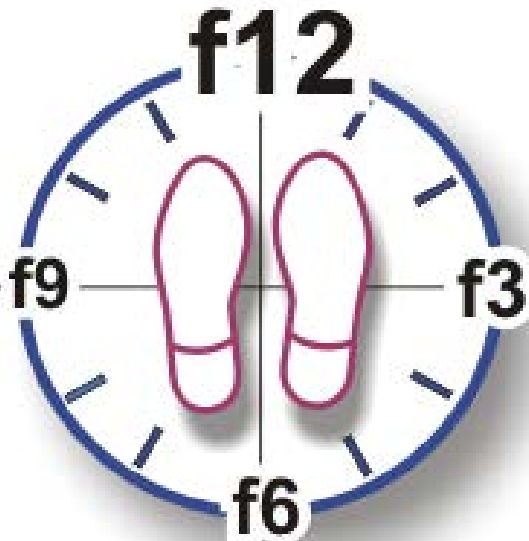
Volksnav.de/StachusMisere

Solutions: time / space convention



UN Sendai: standards are needed... only for experts?

the frontal
clock



the Munich
clock



Map improvement

r100 (urban)



UN
Sendai ??

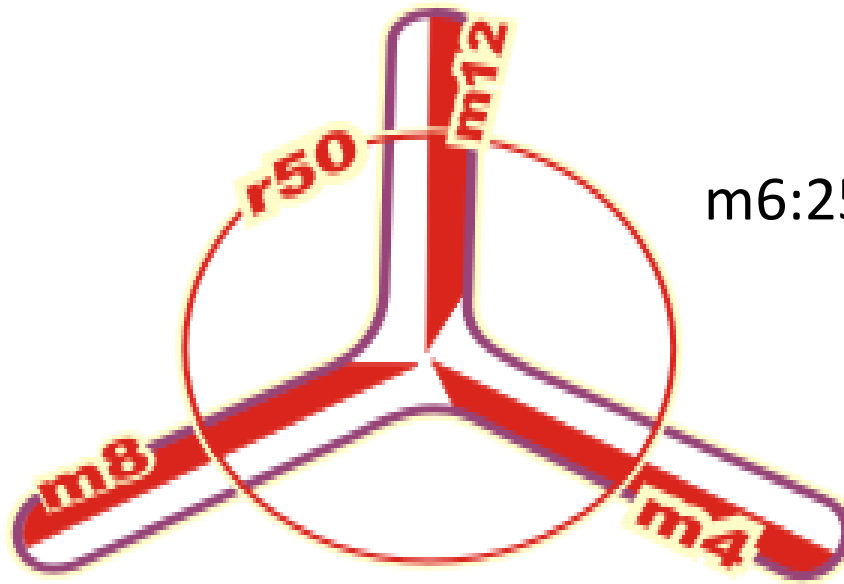
volksnav.de/r100

Las Vegas room numbers



Route 91
festival

m6:22 r89



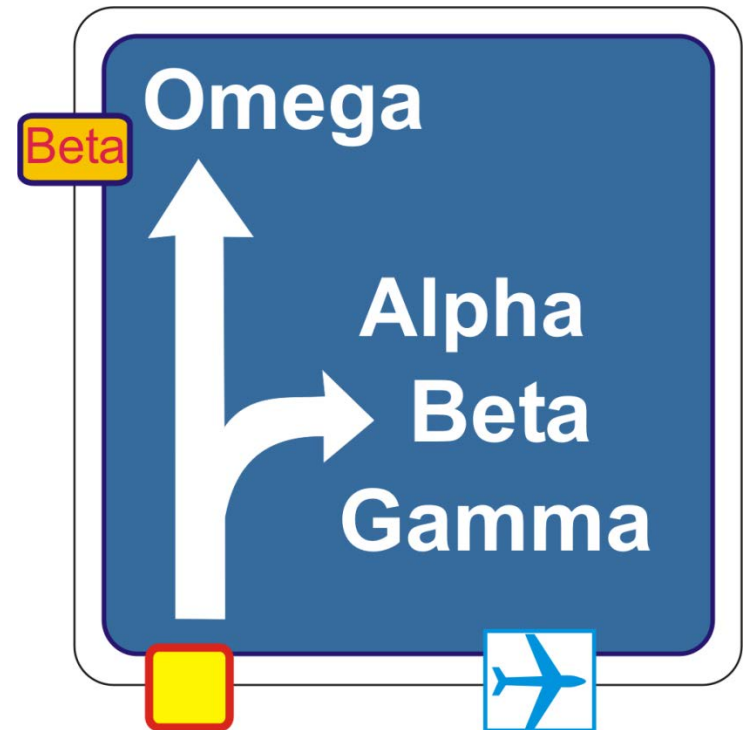
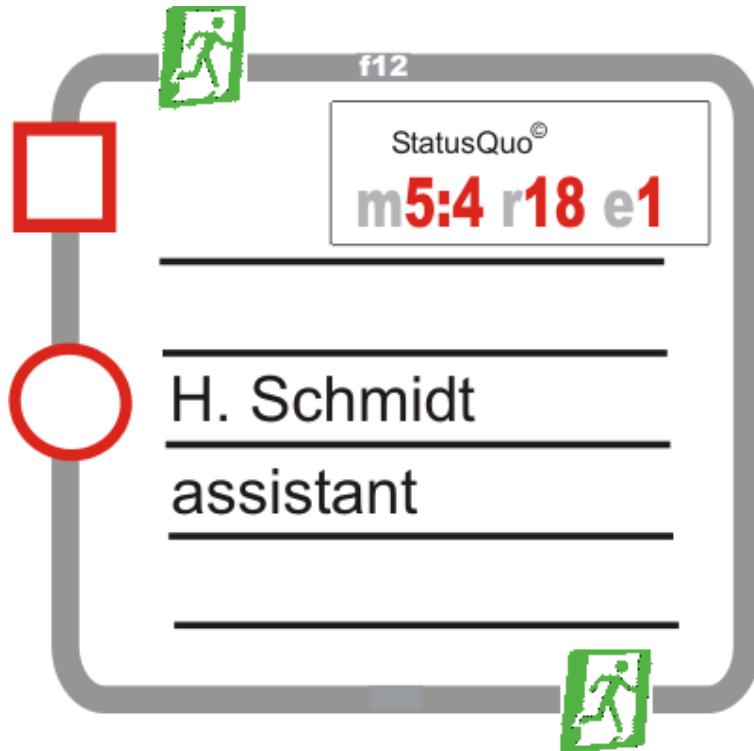
m6:25 r92

volksNav.de/LasVegas

RZR17



Solutions: Vertical Pointing



Imaginary pointing: $m_{12} = f_7$ (or QuoVides 5)


Evacuation exercises

Solutions

VolksNav makes StreetSmart




VolksNav.de/smartphone


Status Quo/where am I?
ubi centrum? 

SEE MAP **START** **STOP**

f12 = m11 QuoVides(R) **11**




f12 = in front of you, ... m12 = north
r0 = radius 0 = city center
www.volksnav.de/streetsmart


Muenchen m12:19 r42
r0 = f10 

SEE MAP **START** **STOP**

f12 = m8 QuoVides(R) **8**

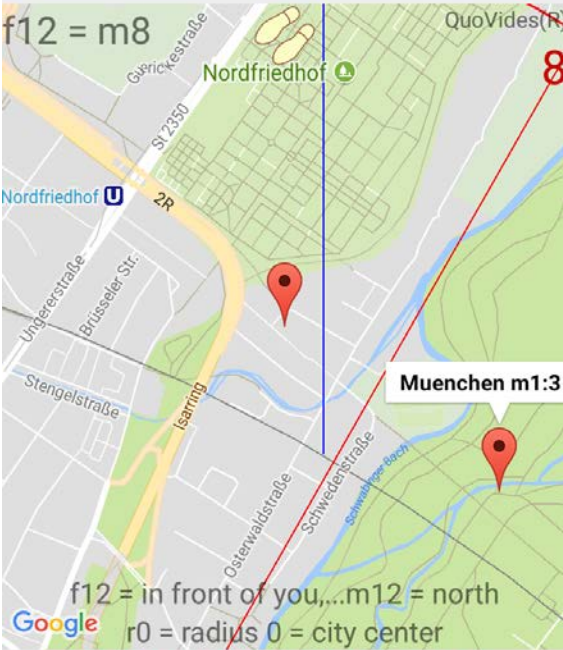


f12 = in front of you, ... m12 = north
r0 = radius 0 = city center
www.volksnav.de/streetsmart

tap target point
Muenchen m12:19 r42
r0 = f11 

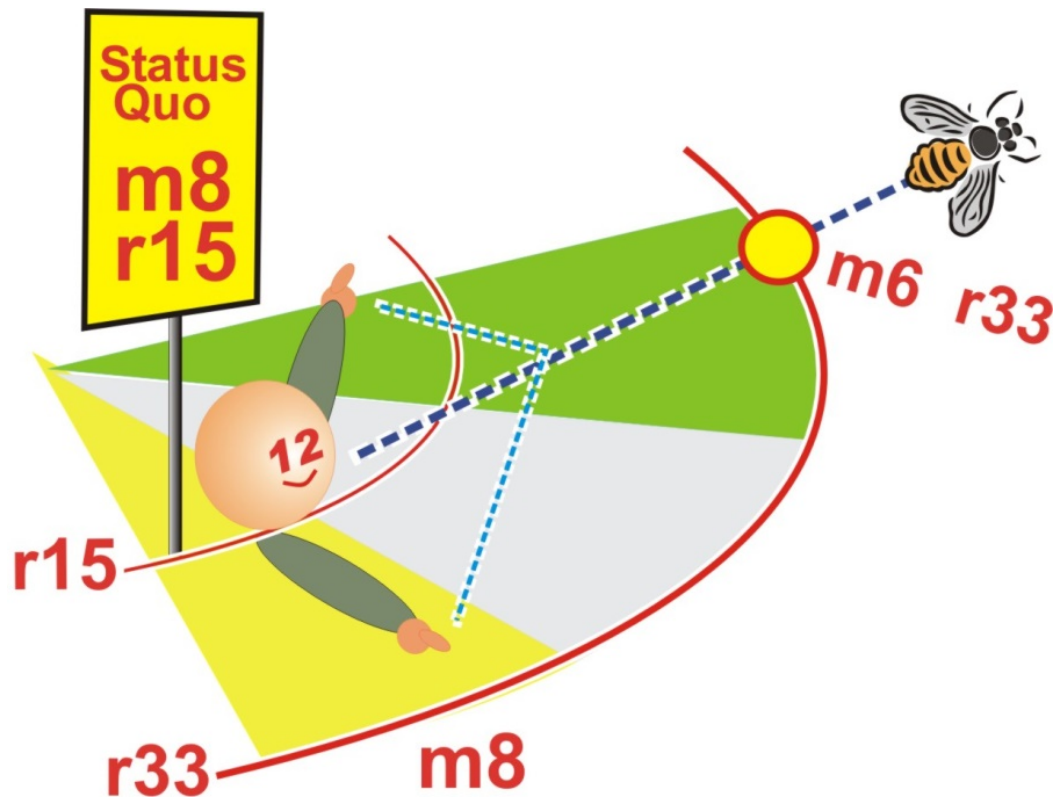
NO MAP **START** **STOP**

f12 = m8 QuoVides(R) **8**



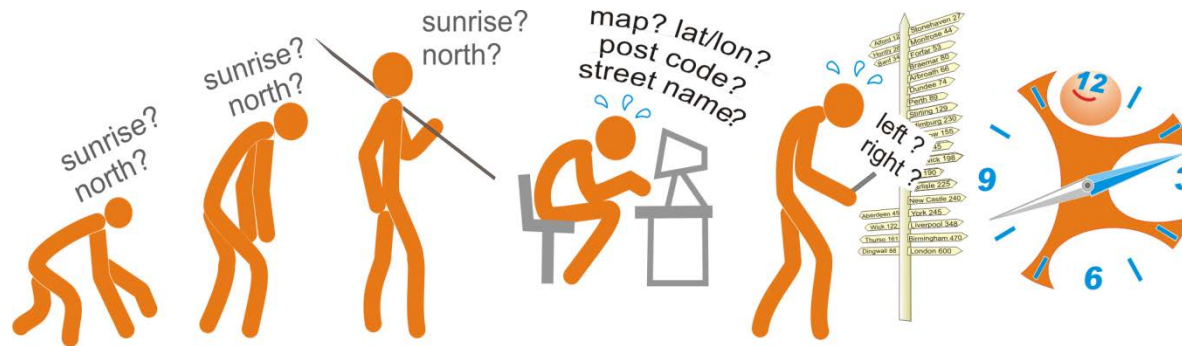
f12 = in front of you, ... m12 = north
r0 = radius 0 = city center
www.volksnav.de/streetsmart

Übung VolksNav



Ziele:
m1 r42
m6 r70
m10:1 r3

Thank you !



pdf: Volksnav.de/RZR17

Henrique Köhler

StatusQuo(c) MUN m1 r42

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