

# Words for 3-D Vision

Nie Shicong

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# Contents

|                                     |    |
|-------------------------------------|----|
| Linear Algebra Done Right           | 1  |
| 1 Chapter 2 & Chapter 3             | 2  |
| 2 Chapter 4                         | 3  |
| MVG Lecture 8, 9, 10                | 5  |
| 3 Chapter 5                         | 6  |
| 4 Chapter 8                         | 6  |
| 5 Direct approaches for Visual SLAM | 8  |
| 6 Chapter 11                        | 8  |
| 7 Review                            | 10 |
| 8 Introduction to Linear Algebra    | 10 |

## Linear Algebra Done Right

audacious  
torturous  
banish  
make up for ...  
in a fasion  
genuine / formal  
, due to the next class  
without charge  
I'm no longer around  
first brush  
immerse yourself in ...  
an emphasize on attaining ...  
zip through a page  
on your part  
ponder

internalize  
without regard to ...  
owe a debt  
heritage  
antiquity  
Bestowing proper credit on ...  
undertake  
In no case should ...  
dispense with  
clutter  
vague  
as rigorously defined as  
philosophy  
lurk  
proposition  
corollary  
once and for all  
be enlarged with  
triplet  
transport  
paralelepiped  
Roughly speaking, ...  
anticipate  
derive / derivation  
refer to ... as ...  
instantaneous / spontaneous  
be doomed to ...

## **1 Chapter 2 & Chapter 3**

rudiment / rudimentary  
In a broad figurative sense  
frescoe  
mosaic  
landscape  
It's no coincidence

proficient  
matter  
vibrant  
compelling  
rather sophisticated  
indicative  
portray  
graph  
irradiance  
by no means trivial  
diffraction / refraction / reflection  
germane  
we can argue with  
emit  
cone  
negligible  
undeflected  
upside down  
subtend  
radiance flux  
consist in ...  
compensate  
...outlined above  
...thus obtained  
articulate / articulation  
aberration  
counterpart

## **2 Chapter 4**

reconcile  
at the outset  
moreover  
discern / discernible  
presumably  
photom

discrepancy  
corrupt  
manifestation  
counteract  
envision  
opaque  
suggestive  
cardinality  
count on ...  
conceive  
rephrase  
lend itself to ...  
lump  
departure  
scatter  
ambient  
translucent  
anisotropic  
commonplace  
hint  
How do we proceed ?  
ill / well posed  
an abuse of notation  
tilde / wiggle  
identical  
more diagonally  
moderate  
nonuniform  
, irrespective of ...  
...made of ...  
regard ... as ...  
decent  
curvature  
marble  
distinctive  
elucidate  
extended  
qualitative / quantitative

diffuse  
warp  
substantial  
prune (out)  
pyramid  
jerk  
whilst  
shearing  
field  
even if  
chameleon  
specularity / specular  
among other things  
mega  
heuristic / heuristics  
discriminate / discriminative  
mannequin  
dummy  
doable  
stroboscope  
agenda  
alternate among / between  
side benefit / effect

## **MVG Lecture 8, 9, 10**

fascinating  
pursue  
schematic  
involved  
suboptimal  
haunt  
recipe  
reasoning  
inference  
pathological

chances are that ...  
reminiscent of ...  
...mingled with ...  
derive / derived / derivation  
bombastic

### **3 Chapter 5**

unveil  
photogrammetry  
Without loss of generality / continuity  
characterization  
sufficiency / necessity  
draw attention to the case that ...  
three out of the four ...  
parallax  
exercise caution to ...  
be of more significance for ...  
bury  
uncontroversial  
universally accepted  
probable / improbable  
When combined with, ...  
In what follows, ...  
oversight  
In the remainder of ...  
multimodal  
optimality

### **4 Chapter 8**

panoramic / panorama  
at most  
taxonomy

gross errors  
pertain to  
thesaurus  
suspicion  
be promoted by ...  
quadrilinear  
annihilate  
quadruple  
clarify / clarity / for clarity  
rectilinear  
glimpse  
purturb  
synthesis  
concave  
crank up  
isoline  
asymptotic  
be inferior to  
zig-zag  
contract  
paraboloid  
provided (that)  
in this regime  
revert to  
profit from  
extremality / extremity  
quasi  
damp  
overlook  
be (all) set to go  
silhouette  
contour  
a whole lot  
monocular  
footage  
circumvent



## 5 Direct approaches for Visual SLAM

invariably  
devastate  
deteriorate  
degrade  
nuisance  
sideways  
close by  
soap films  
in-between  
revision  
residuum / residual  
voxel  
more or less  
alleviate

## 6 Chapter 11

multifaceted  
irregular  
polygonal  
so as to ...  
convolve  
forcibly  
suppress  
tile  
disparate  
elaborate  
contrast  
sawtooth  
aliasing  
sinusoidal / sinusoid  
convey  
transmission  
adequate

waveform  
ego-motion / ego / egoistic /egoistical  
primitive  
multiscale  
superpose  
be similar in spirit to ...  
compromise  
macroscopic  
rationale  
caveat  
radically  
forego  
laden  
be reputed to ...  
putative  
orphan  
underlying  
be free of ...  
handful of ...  
render sth. be  
settle for sth.  
set up  
two orders of magnitude  
uneven  
play with ...  
in place of ...  
extrapolate  
convex hull  
carve  
tetrahedra  
prism  
arch  
surfaces of revolution  
bookkeeping  
entail

## 7 Review

long known  
indispensable  
rational / rational number  
quotient

## 8 Introduction to Linear Algebra

all-important / vitally important / crucial  
hammer away at the difference between ... and ...  
... back off from ...  
seesaw / teeterboard  
spreadsheet  
This is more than ...  
at once / at the same time  
stand for ...  
either way  
humble  
fall into place  
The odds are ...  
basic facts  
regard ... as ...  
common sense  
magician  
sweep  
provision  
subroutine  
abnormal