# Words for 3-D Vision

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# 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
philosphy
lurk
proposition
corollary
once and for all
be enlarged with
triplet
transport
parallelepiped
Roughly speaking, ...
anticipate
derive / derivation
refer to \dots as \dots
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 / reflection / reflection
germane
we can argue with
emit
cone
negligible
undeflected
upside down
subtend
radiance flux
consist in ...
compensate
\dots outlined above
\dots 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 ...
\dots made of \dots
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
{\it 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
```

#### 9 Toefl Listening

```
folk / fairy tale
act out
narrate
props
scenery
be disillusioned with
be grappling with
symbolize
seemingly
unsolvable
turmoil
bare
... be a departure from ...
make us see
be swept up
I'd love / like to ...
\dots be the same \dots as \dots
the significance difference is with ...
costume
... be teemingly with ...
organism
...get as much popular attention as ...
whale
microscopic
algae
... aren't as exciting
bulk, bulk of ...
plankton
fresh water
mystery
not the way birds do
must
commute / commuting
stimulus / stimuli
sun's rays
barely
```

```
penetrate
away from
sunlight
head back toward ...
illuminate
expend
predator / predator avoidance
Make sense, doesn't it?
But what do we do with ...?
at great depth
light up
bioluminescent
despite all these
by sight
presence and absence
prey / prey on
ultra-violet
conserve
feeding
digest
archaeology
go out into the field
shovel
an array of
inter-disciplinary / multi-disciplinary
muon
\dots result from \dots
subatomic
start over
basically
proton
zip through
outer space
be critical for ...
be closely based on ...
occasionally
hardly ever ...anymore
originally
```

```
controversial
filmmaker
purity
over time
orchestra
if wannted
drum, rolling of drums
... or whatever
But that wasn't as common
..., the ones concerned about
Trouble is(was), ...
the luster wears off
commerce
was it ever?
the commercial types
now that ...
visual medium
stage
straight adaptations from ...
since ...
all they pretty much did was ...
on the mark
nonsynchronous
expressive
have experience with ...
live radio
technician
...that makes sense to them
less obvious
Anyway, ...
look at this in various ways
radical
advocate
a bit of an exaggeration
What meant to say was ...
making money
```

#### 10 Miscellaneous

```
striving / strive
grand goals
core mission
non-profit
fuel ...
openly
sponsor
editorial publications
across the world
workshop
panel / panelist
webinar
mailing-list
newsletter
disseminate
more collaborative / inclusive
have sb. on-board
curate
advisory board
enthusiast
at scale
alchemist
predictive maintenance
schedule a meeting / call
quota
coffee break
poster
interface a new problem with ...
peer, peer review, peer pressure
be articulated in two phases
announce / announcement
adherence to .../ adherent
final aggregation score
ever more
exclusively focus on ...
memory overhead
```

```
take / draw inspiration from ...
disentangle
a surge of
mediate, be mediated by ...
neurocognitive
sensorimotor
remain a long-standing challenge for ...
... factor in ...
curriculum
progressively / progressive
over long time spans
interfere with ...
abrupt / abruptly
excel = be master of ... / excel at ...
a batch of
pragmatic pragmatically
hinder
methodology
developmental
in scenarios of ...
timely
refine / refinement
on the basis of ...
mammal / mammalian
throughout the lifespan
contingency
sustainable / sustainability
sustained = continuous
neurophysiological / neurophysiology
visiting student
eligible
democratic / democracy
... be made possible with / by ...
consultant
lineup
given
on a daily basis / on a regular basis
cutting edge
```

underway initiative hub of infomation didactic avalanche with ...in mind value ... showcasing venue cause bibliography / bibliographic hiccup antithetical antipodal utterly nerve ... bombard / be bombarded with ... arrange = lay outas originally conceived living creatures be adept with ... repurpose in some ad hoc way dispute in any case self-imposed submarine harness the power towards its own purposes steer accrue brilliant, a brilliant idea metaphor corollary teleoperation rebel / rebellion be constantly chaning / evolving regularity

```
a rough idea
string
transpire
unfold
at its own pace
prose
sensible
unorthodox
peg, pegged to ...
entrust
probe
waterfall
definitive
cascade
tailor, be tailored to ...
diploma
cohort, a diverse cohort of ...
attest / attested
defer
transcript
comparable
proficiency / proficient
postsecondary
ivy
a huge time commitment
rigorous
{\it embark}
accredit / accredited
phenomenal
in no way
disrupt / disruption
breadth
demonstrated leadership
deposit
flush
await / be awaiting
turtle / tortoise
carnivorous / herbivores
```

```
imperative
pervasive
scavenge / scavenger
refrain from \dots
scarity of ...
sensitization
habituation
exposure
a well lit room
reciprocal
retreat into ...
secrete
ion
astounding
finer
acuity
causal / casual
differentiate
conditioning
be made famous by ...
saliva / salivate
\dots, as such in the example of \dots
cattle
\det \cdots from \dots
in the wild
uncover
inhibit / inhibition
octopus
jar
crab
... trapped inside
hint at ...
... be paired with ...
fade away / out
renewed
embrace
malleability
regulate
```

```
compensatory
homeostatic
hippocampus
neocortex
human subject research
the vast majority of ...
modality-specific
ecological
multisensory
embody
in one's infancy / infant
stepping stone
ad-hoc
astonishing
assimilate
rehabilitate / rehabilitation center
modulate
overarching
predominant / prominent
profile
grant
seminal work / seminal fluid
ocular
newborn
kitten
deprivation
... be characterized by ...
\dots with the aim to \dots
comprise
replicate / replica / replicant
neuroscience
finding
preferential
transient
amend
be contingent on ...
should / if
usher
```

```
interleaved
in favor of ...
graceful
richness
long-standing
mitigate / alleviate
\dots to make sense of \dots
be immersed in ...
spatio-temporal
make massive use of ...
reservoir
opt, opt to
plastic / elastic
embed / embedded
intractable
surrogate / surrogate mother
mutable / mutation
...in response to ...
accommodate
enforce
vanilla
resemble
plausible
habituate to .../ habitutated
these results reinforce that ...
... be accouted for
interplay
episodic
rehearsal
cause-effect
ambiguous
revise
spontaneously
a wealth of ...
crossmodal
schematic / schematic view
valuable
intricate
```

```
dictate / be dictated by ...
staged
bootstrap
tutor / tutoring
unveil
disclose, disclose the cause
bilateral
innate
deceptive / deception
scaffold
exogenous / endogenous
be congruent with / congruency / congruent triangle
perceptual
bind
causal inference
stationary
disregard
radically
over the course of millions of years
underpin
evolutionary
in-silico
As a consequence = Consequently
inspiration has originated more strongly from ...
acronym
genetic
...take place as ...
ambitious
... derived from ...
arguably
set the stage for ...
a remarkable increase in ...
dedicated
... than in the past
resonate with the readers / resonate
touch upon
in the remainder of ...
with the intent / intention to ...
```

```
make-up
manifest / manifestation
blueprint
zygote
nurture
cultivate
be now more aware of ...
highlight the importance of ...
deceive
make no pretence of ...
diversity and inclusion
open-ended / open-endedness / open-ended questions
pathway
an alternative to ...
empower
synergy / synergy effect / in synergy
statics / dynamics
conducive / be conducive to ...
reside
delegate
foster
cope with ...
genotype
aspiration
resurgence
synopsis
speculation
pillar
In essence = Essentially
\dots in light of \dots
bloom
around 2019
shift
It's not after long that ...
bet on ...
masterfully
expertise
```