

ASE2910 Applied Linear Algebra / AUS2910 Fundamental Math for AI
Homework #6

- 1) *VMLS Exercises.*
 - a) **13.3** *Moore's law.*
 - b) **13.5** *Polynomial model with multiple features.*
 - c) **13.7** *Data matrix in auto-regressive time series model.*
 - d) **13.8** *Fitting an input-output convolution system.*
 - e) **14.2** *Interpreting the parameters in a regression classifier.*
 - f) **14.4** *Multi-class classifier via matrix least squares.*
 - g) **14.6** *Polynomial classifier with one feature.*
 - h) **14.7** *Polynomial classifier with two features.*
 - i) **14.9** *Nearest neighbor interpretation of multi-class classifier.*
 - j) **14.11** *Equalizer design from training message.*