Applied Algebra Worksheet for Lecture 17

Comments, questions and feedback due before class on Monday, April 9 (before 7am).

Completed worksheets due on Monday, April 13.

- 1. Find the scaling and wavelet vectors for the Haar wavelet transform when $N=4.\,$
- 2. Consider a wavelet transform in the case N=4, with scaling vector $u_0=(1,1,-1,0)$ and wavelet vector $v_0=(2,-1,-1,0)$. Find the analysis matrix T_a for this wavelet transform, and compute $T_a(0,2,1,0)$.