

Quiz #2

Please, type or write legibly, scan, save file as LASTNAME_FIRSTNAME.Q2.pdf and email to dlabate@math.uh.edu or dlabate@uh.edu. You need to email to me no later than 11:30AM on Jan 28.

- (1) [5 Pts] Compute the orthogonal complement W of the space V in \mathbb{R}^3 spanned by the vector $(2, 1, -1)$
- (2) [5 Pts] Find two linearly independent vectors in W .
- (3) [2 Pts Extra credit] Find an ONB of W .