(A) cov (u; ui) = (A) ii; &u ui = 1/2 us+ 1/2 Ud + Mi insert to 8 cor(uj, ui) = cor(uj, [1/2 us + 1/2 ud+mi]) = cor(uj, 1/2 us) + cor(uj, 1/2 ud) +cor(uj, mi) = 1/2 cov (u; , us) + 1/2 \$cov (u; , ua) cov(uj, us) = (A)s. Guz j cov(uj, ud) = (A)jol Juz cov (y, ui) = 1/2 (A) is - 62 + 1/2 (A) id - 62 = 1/2 (A) is+ (Aid) 50 = (A)11, 642