Ex 3.28 Blasso = argmin \((yi - Bo - \(\times \times \beta_i \beta_i \) Subject to \$ 1316 + Now, P Xij Bi = E Xij Bi + Xi, PBP Now Since the order of Variables doesn't matter, I will Say that this pth Variable has been duplicated. e.g. Xi, PBP -> Xip BP, + Xip BP2 = Xip (Bp + Bp *) Therefore if By=a then a=Bpi+Bpa* D also, \$131 => \$131+13p* +18p* +18p* +1 => \(\frac{\beta_1}{\beta_1} \right| + \beta_p^* + \beta_p^* \right| \leq + \left(\text{triangle}{\text{inequality}}\right) e. 9 | Bp. * + Bp2 | = +* Where + * = + - \(\sum | \beta | \beta | \beta |