[11.10] Let a = 9, n, + 92 hz and b = b, n, + b2 hz. The wedge product is defined as follows: n, n, = 0 = n, n, 2 n, n, and n, n, arepresent fundamental fundamental quaternion entities. They are related by n, nn = -n2 nn, and is defended and = a, b, n, nn, + a, b2n, nn2 + 926, n2 nn, + 9262 2/2 n2 = 9,62 m, 12+ 926, m21m, = (9,62-926,)n,nn2 Finally, a[pbg] is defined as a[pbg] = = = (apbg - agbp) for 1,8=1,2, In this problem I believe tennose is asking us to verify that anb = asib, jh, nh, + asib\_jh, nn2 + aceb, jh2nh, + aceb\_zjh2nh2 Note that acipijninhi+acip2jninh2+ac2bijn2nni+ac2b2jn2nn2 = = (9162-926)か、ハカマ+ = (026, -4,62)か2へか, = = (a, b2-a2b,) n, nn2+= (a, b2-a2b,) n, nn2 = (a,b2-a2bi) n,nn2 = anb per definition above