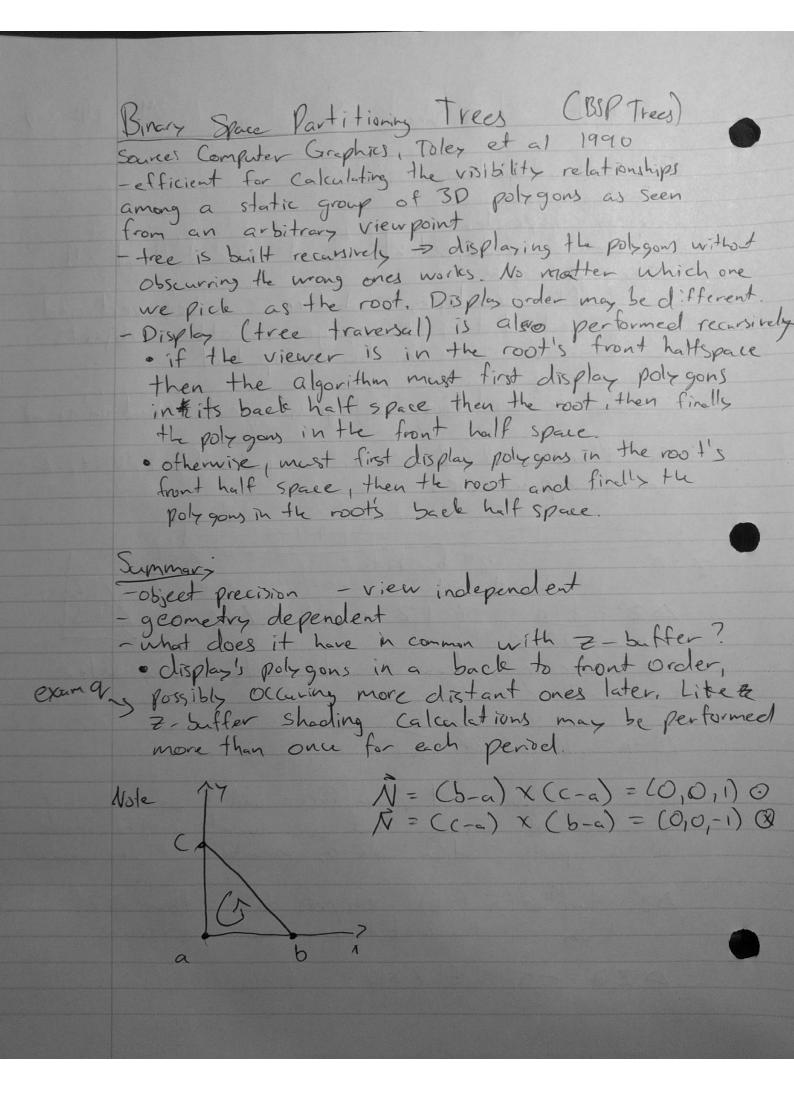
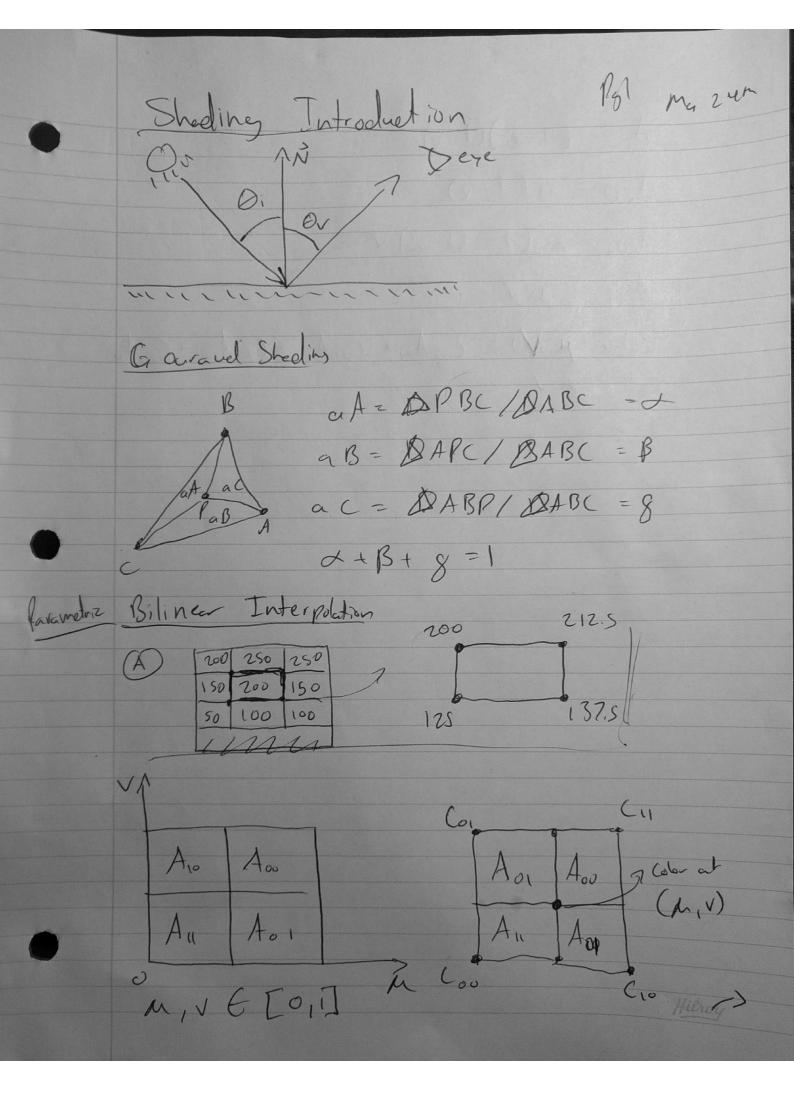
May 24", 2019 Graphics Lecture 8 pg1 Z-Buffer Algorithm - Image Precision - View dependent - View dependent. don't have to load all the polygons
- after rendering z-buffer can begaved and used later to merge in other objects whose z can be computed. Z-Buffer Relation (Digression, not asked on exam) - bit Plane - RGB 24 bits - Z-buffer 8,10,24,32 A-transparencies Z'=N Z'=b $b=\pm bits$ $\Delta Z'=f\cdot N$ $z'=f\cdot N$ - 2-buffer may draw triangles in the wrong order Canuse 2 2-buffers △ 3h = 20 △ 34 = 120 what might be good values for n and f on a 18-bit 7-biffer of image that we want is the inside of a sports Stadium Scen by members of the crowd DZ = function (n, f, b) objects bigger than DZf=0.01, n = 1.5m distance between two spectrums. $\Delta z_n m = \frac{1.5}{2!8} = 5.7 \times 10^{-6}$ $f_2((0.01)(1.5)(2^{(5)})^{\frac{1}{2}}$ =62.20m





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