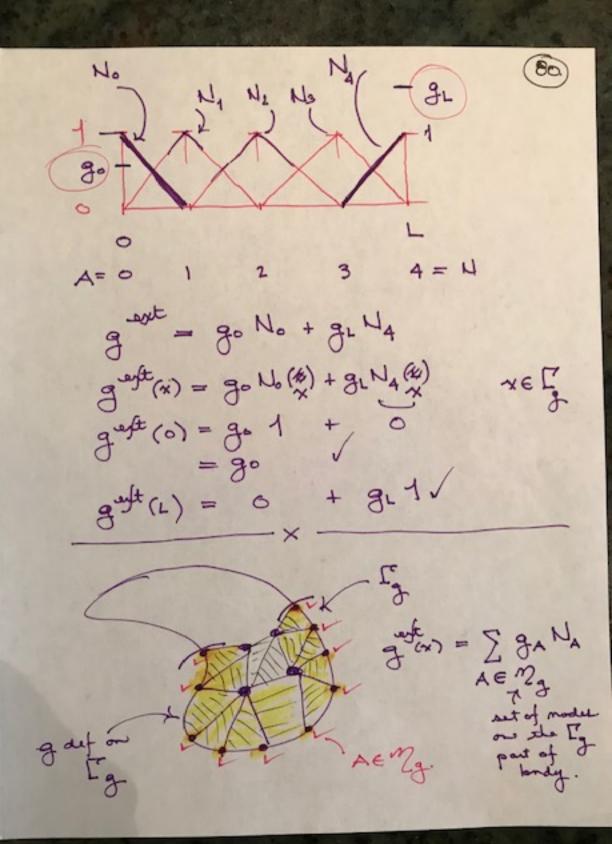
Lecture \$ 16, March 18,2024 (73.) B(m,m) = L(m) Ame N S = V⊕ {gast} ~ ∈ S g=g on [] v = on [] v homogenous Dividest BCL of [] (w) B(w) = L(w) You & v C V. Sh = Vh (gest) hame guy ar (m), : B(m, m) = r(m, Am, e s, c s. B(w, m) - B(w, m) = 0 Gal. orthog. B(w, u-u)=0 consist. of FEM. e======= -2*m'= a. 7m' + x Des



If "straightened out" g is only define on In but get extends it into the domain. (Natural to me basis functions of nodes on If , NA(x), XAE Zg. => side view looks like

ucaee in 1D

$$T = \frac{1}{2101} \frac{2}{3} (dx)$$

$$\cot dx - \frac{1}{20}$$

$$dx = \frac{1}{20} \frac{1}{20} \frac{1}{20}$$

