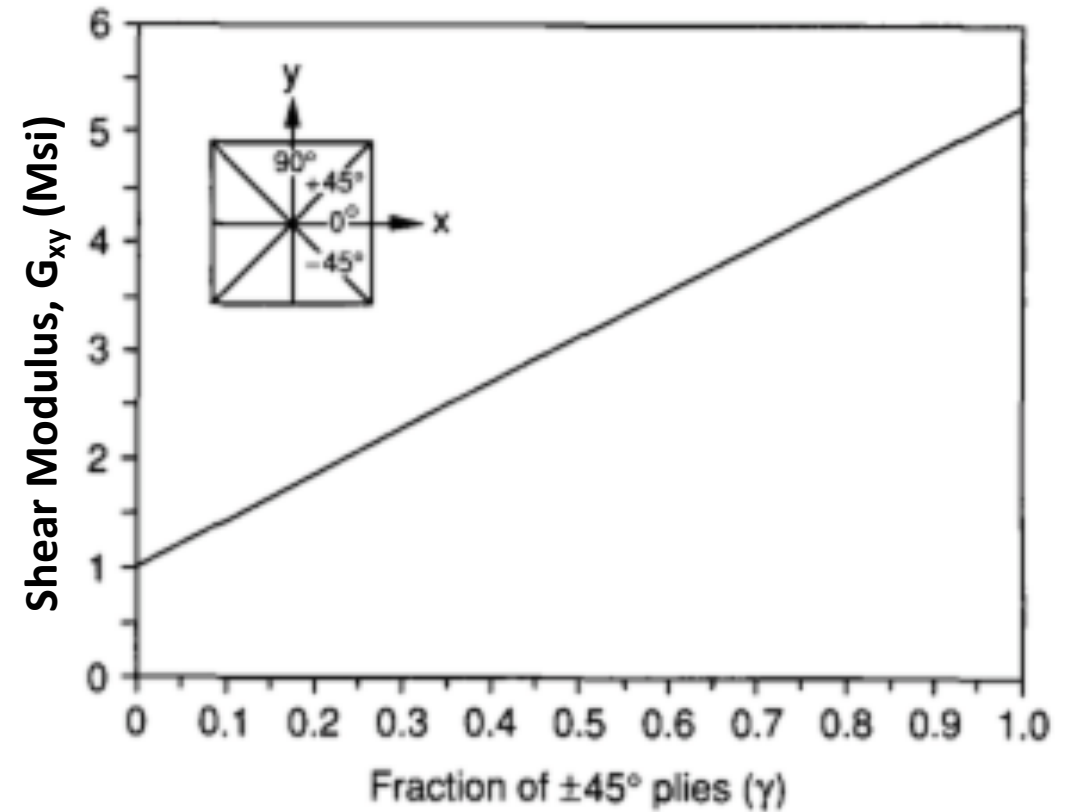
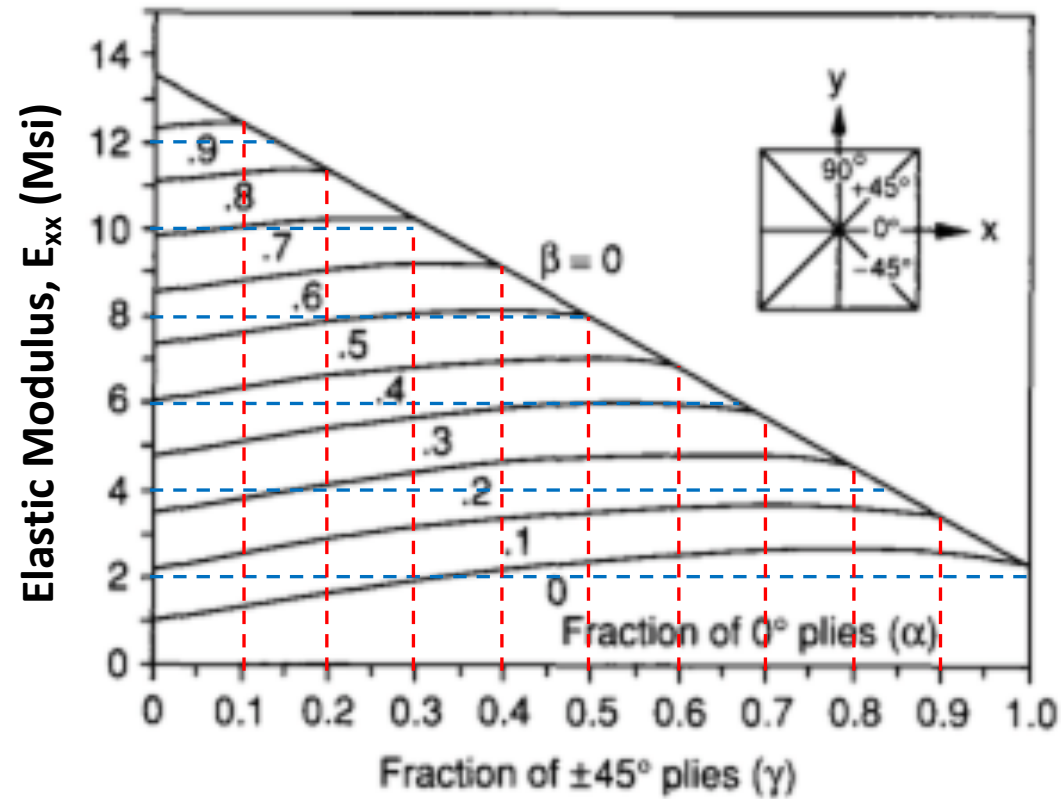


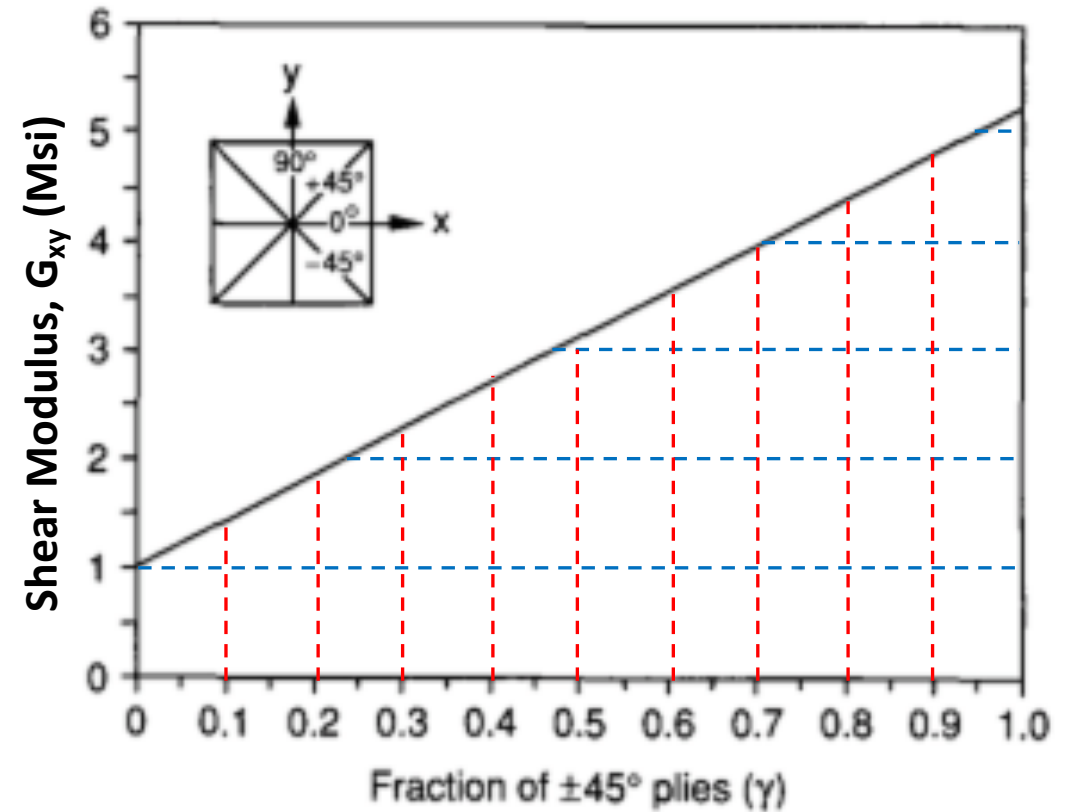
**Fig. 7.16** Carpet plot for Young's modulus of  $[0_m/90_n/(\pm 45)_p]_s$  carbon/epoxy laminates (AS4/3501-6) ( $\alpha$ ,  $\beta$ , and  $\gamma$  are fractions of  $0^\circ$ ,  $90^\circ$ , and  $\pm 45^\circ$  plies, respectively).



**Fig. 7.17** Carpet plot for shear modulus of  $[0_m/90_n/(\pm 45)_p]_s$  carbon/epoxy laminates (AS4/3501-6) ( $\alpha$ ,  $\beta$ , and  $\gamma$  are fractions of  $0^\circ$ ,  $90^\circ$ , and  $\pm 45^\circ$  plies, respectively).



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