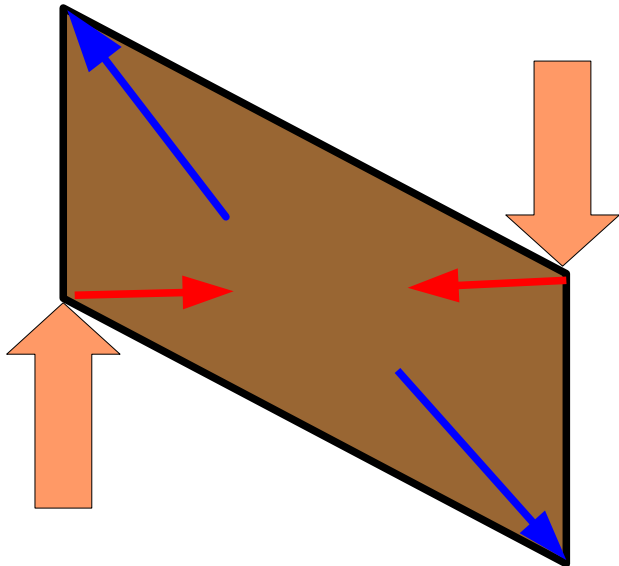


ラグスクリューによりせん断補剛された集成材梁の剛性挙動

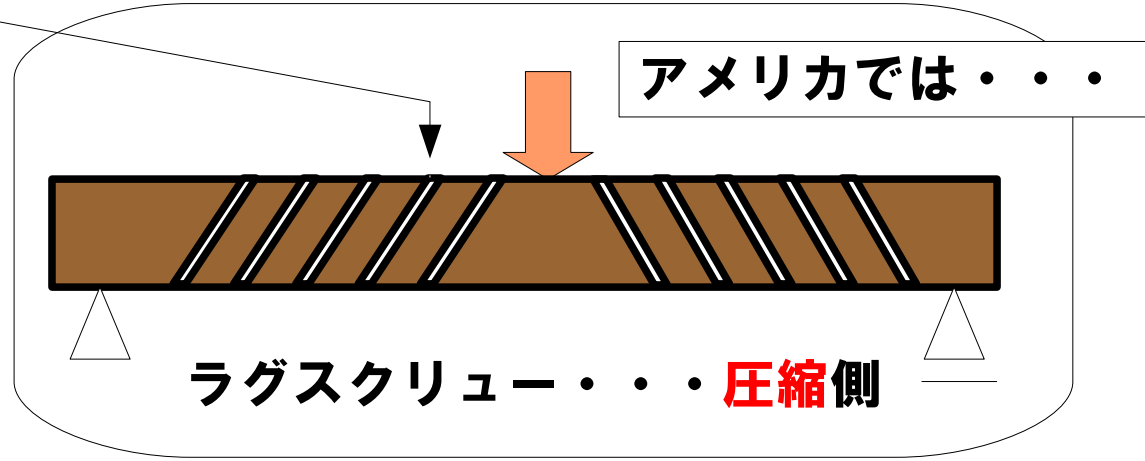
環境構造工学講座 09723 今田 裕樹



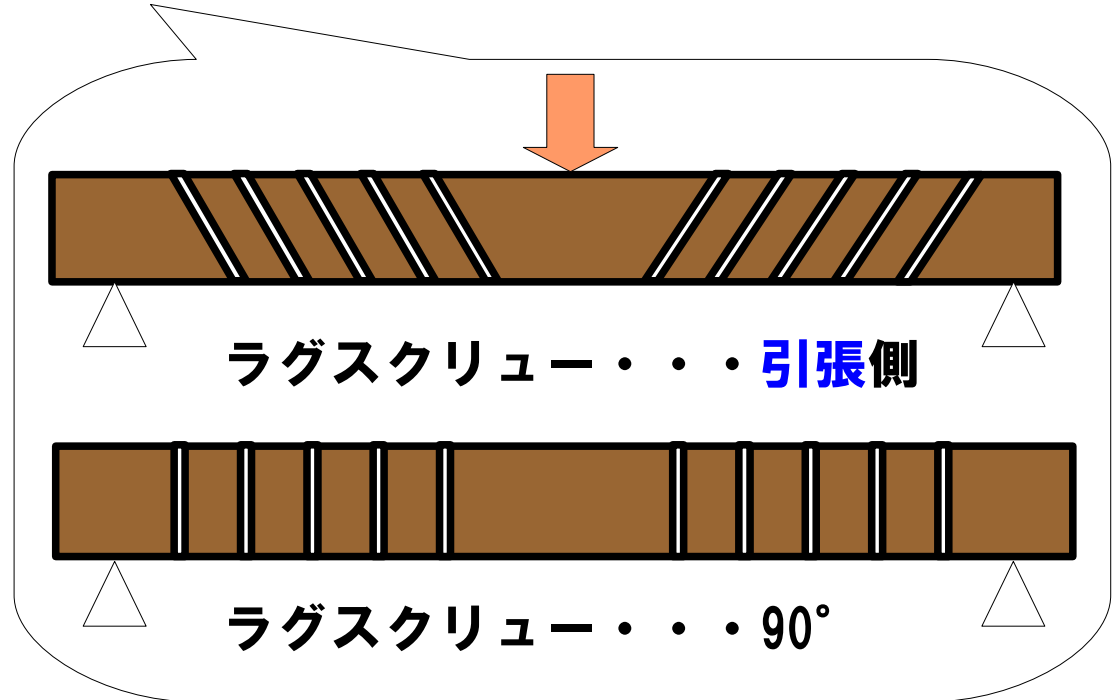
木材・・・せん断変形しやすい



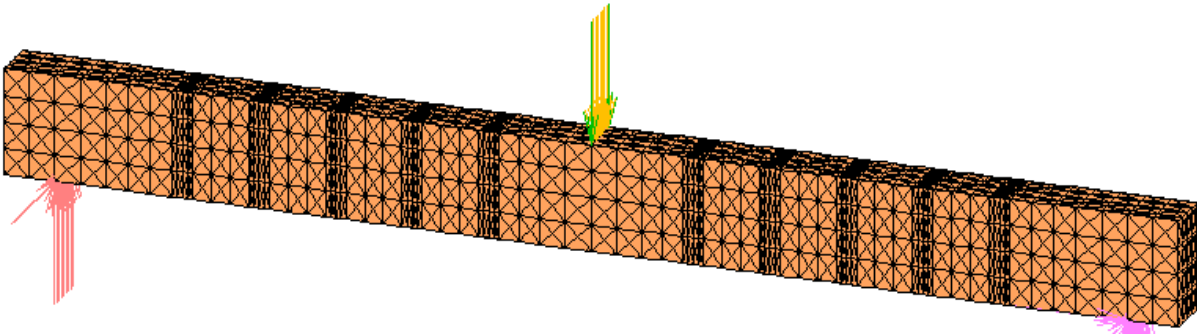
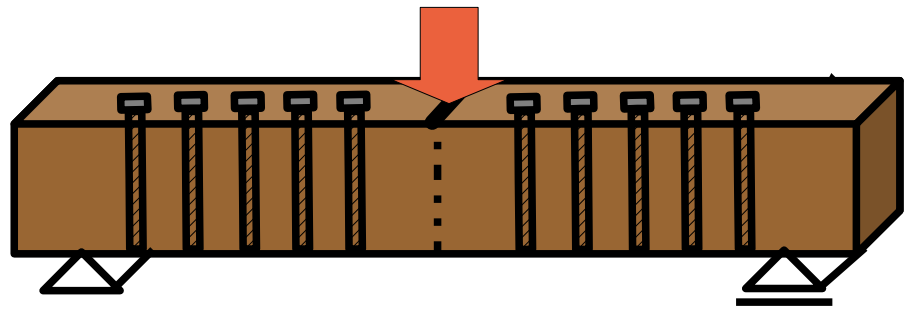
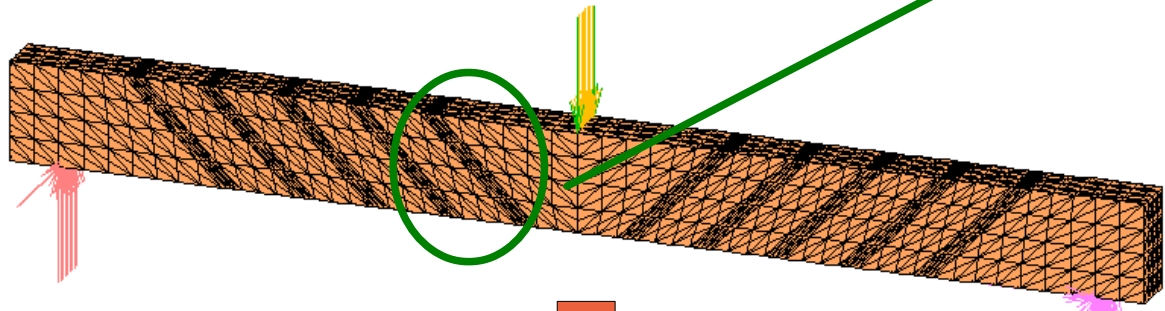
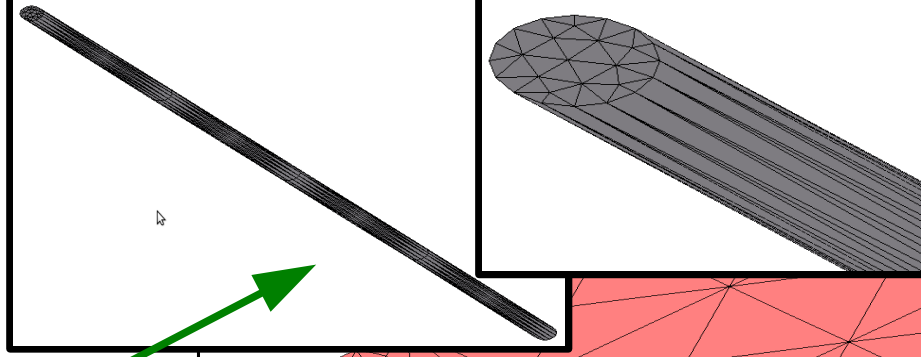
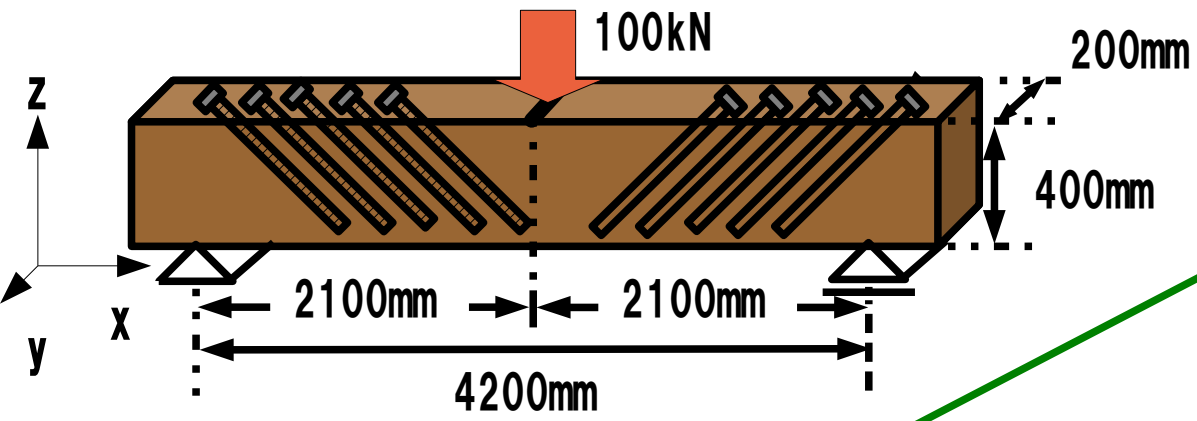
アメリカでは・・・



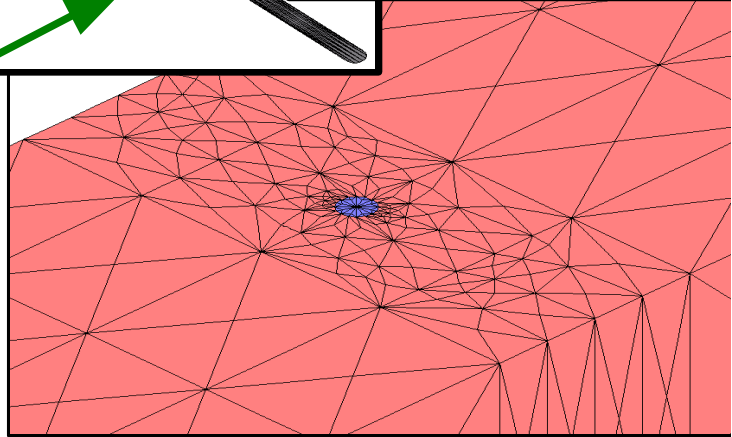
本研究は・・・



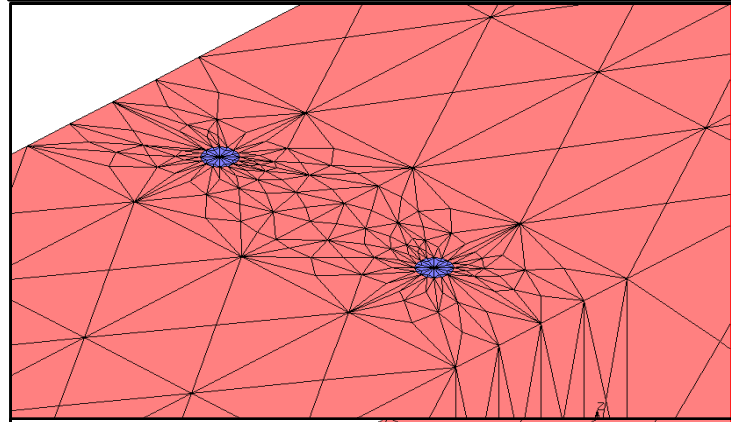
有限要素法 · · · MSC/MARC. Mentat



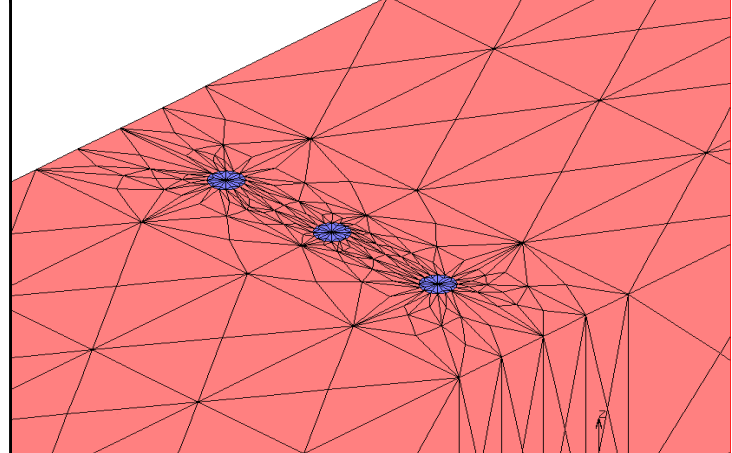
1列



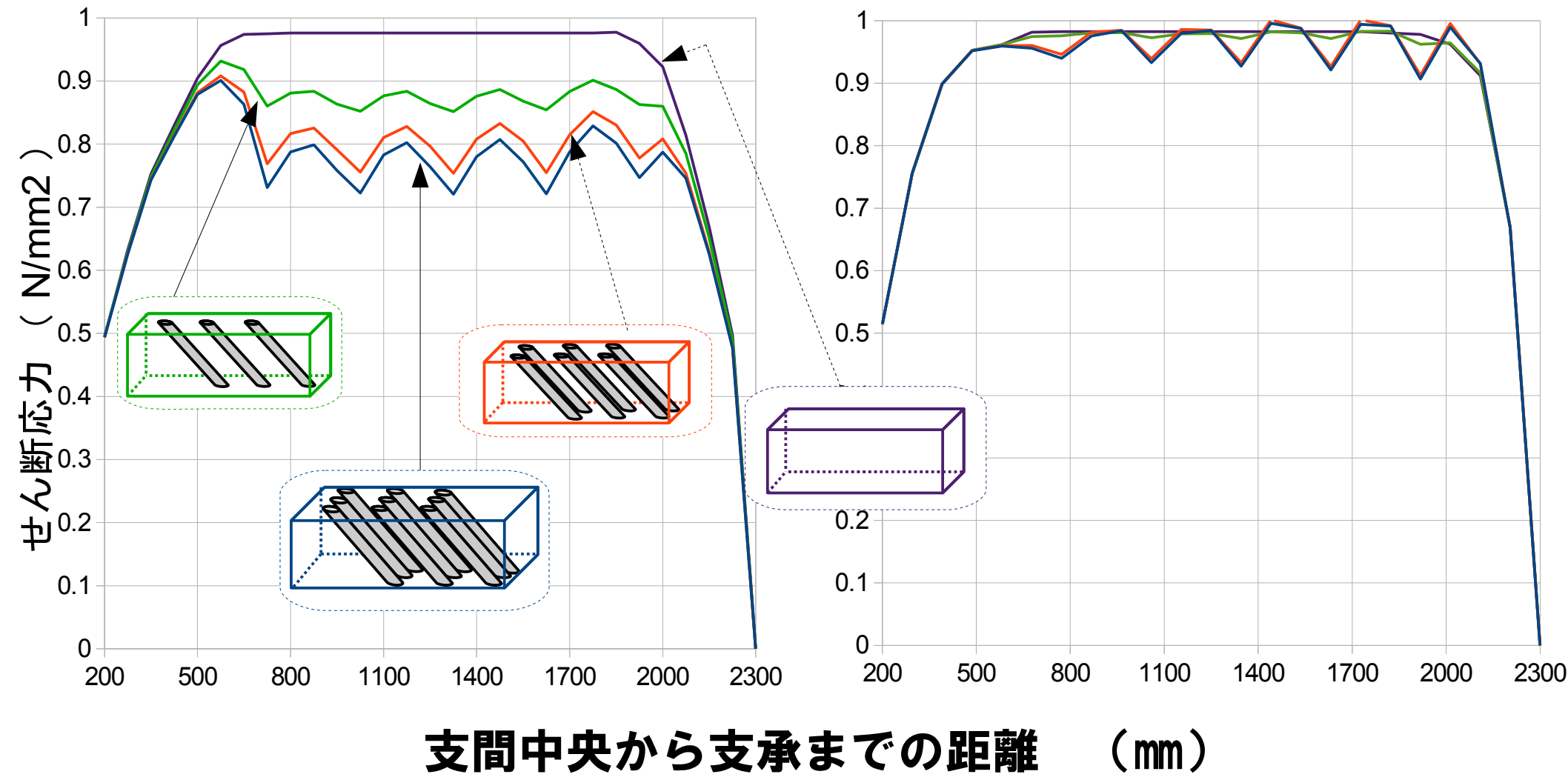
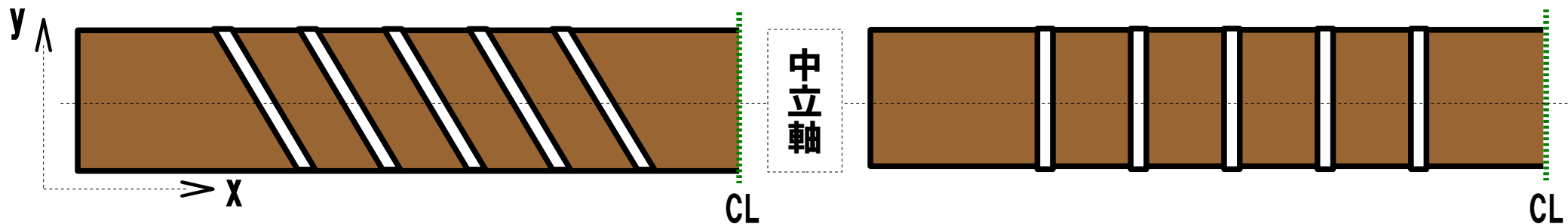
2列



3列

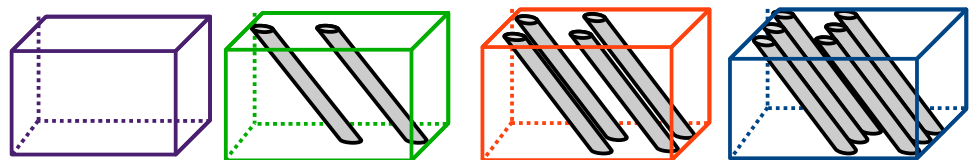
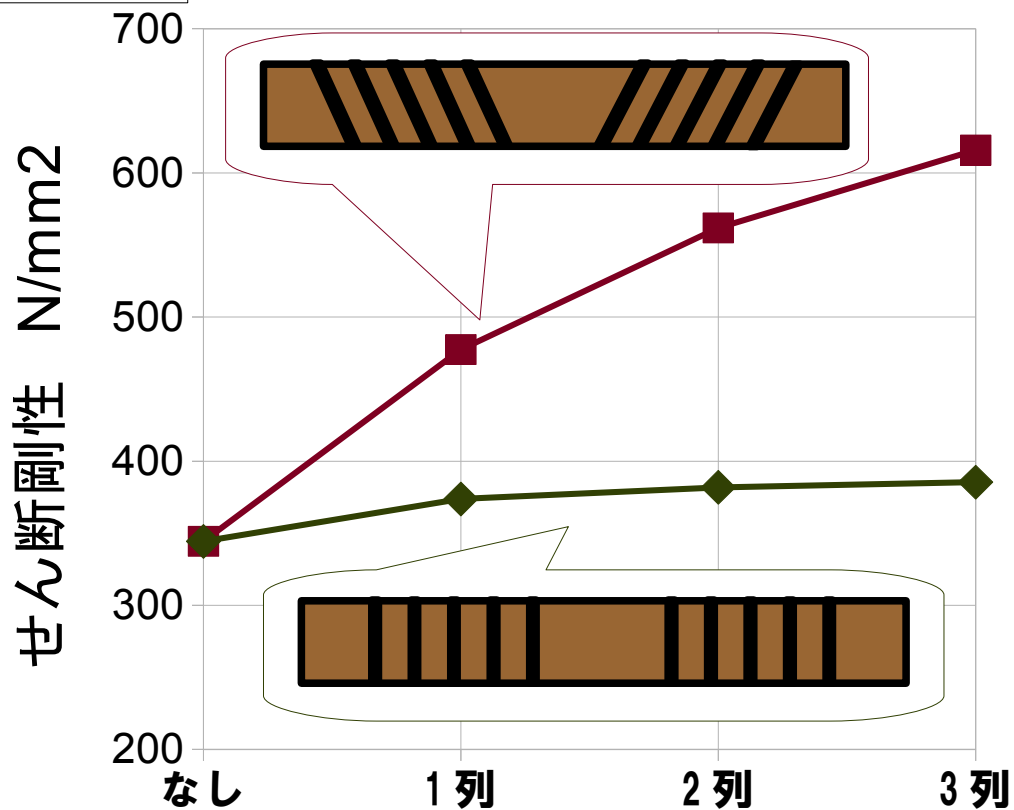


せん断応力

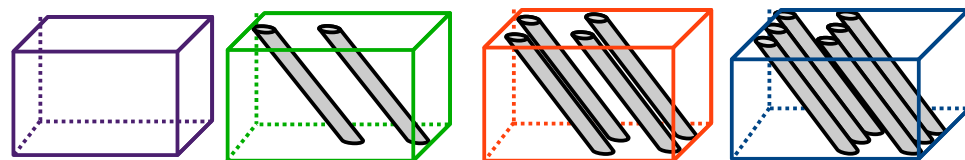
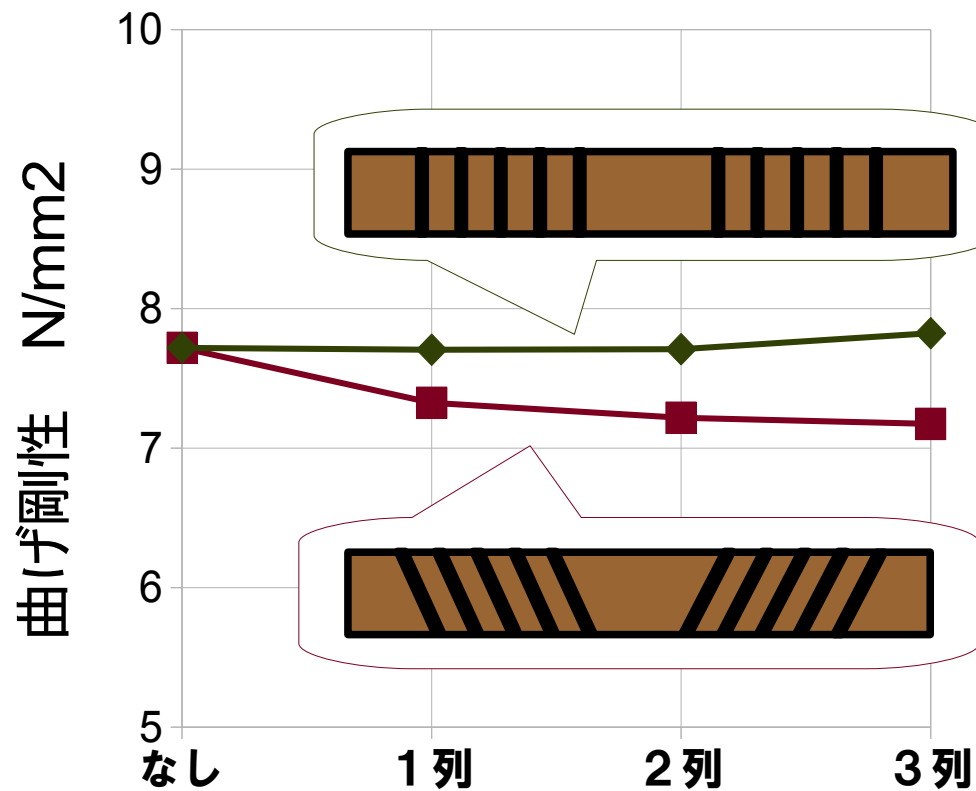


曲げ剛性 せん断剛性

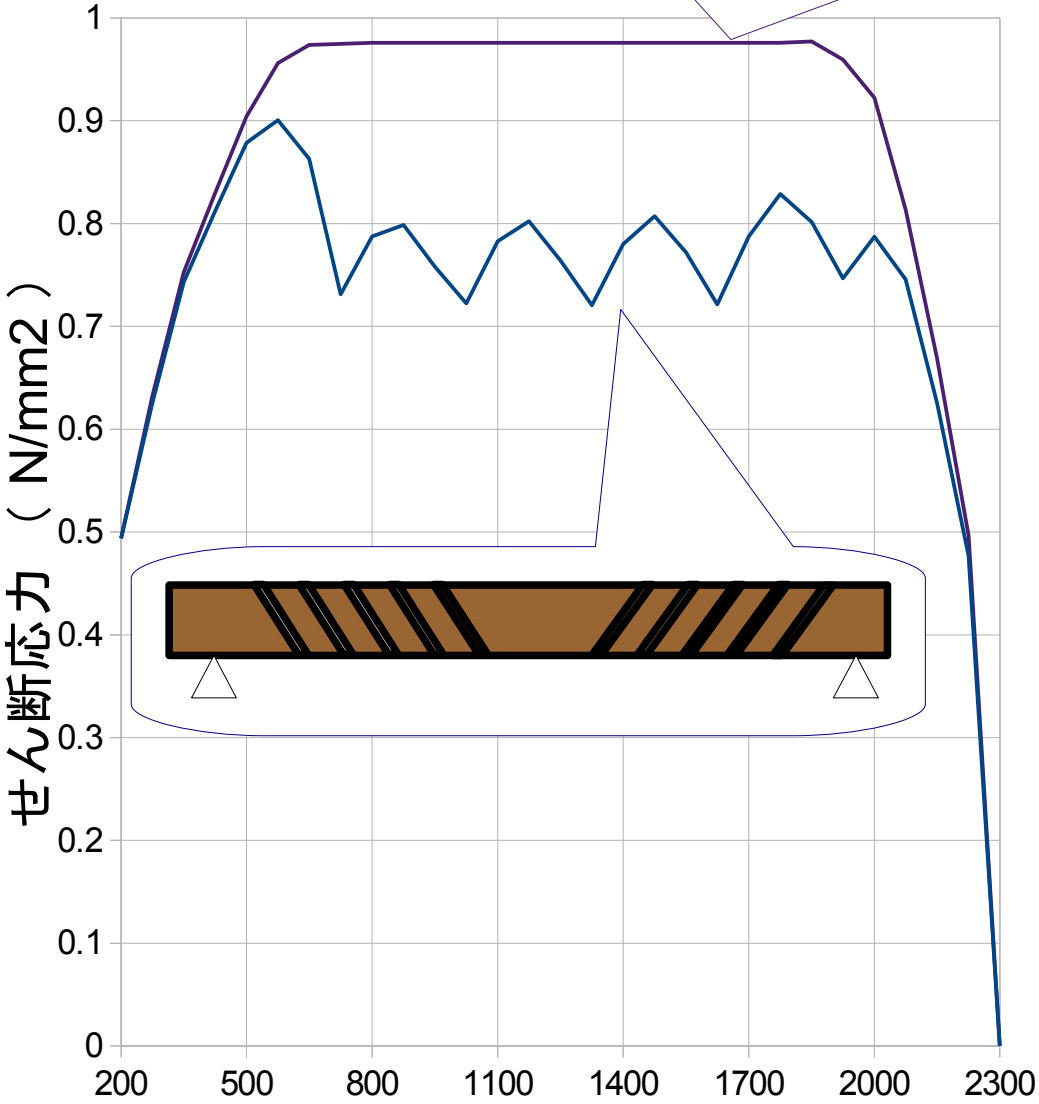
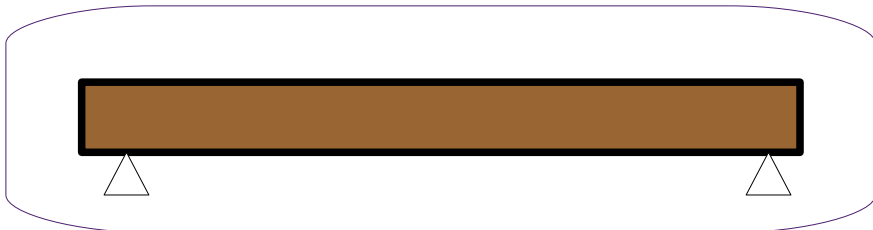
GA



EI



まとめ



支間中央から支承までの長さ

せん断剛性

曲げ剛性

