

# Appendix B. Effect of a Constrained Layer on the Response of CF beam

The following result is taken from work of *A. Baz and J. Ro* [48].

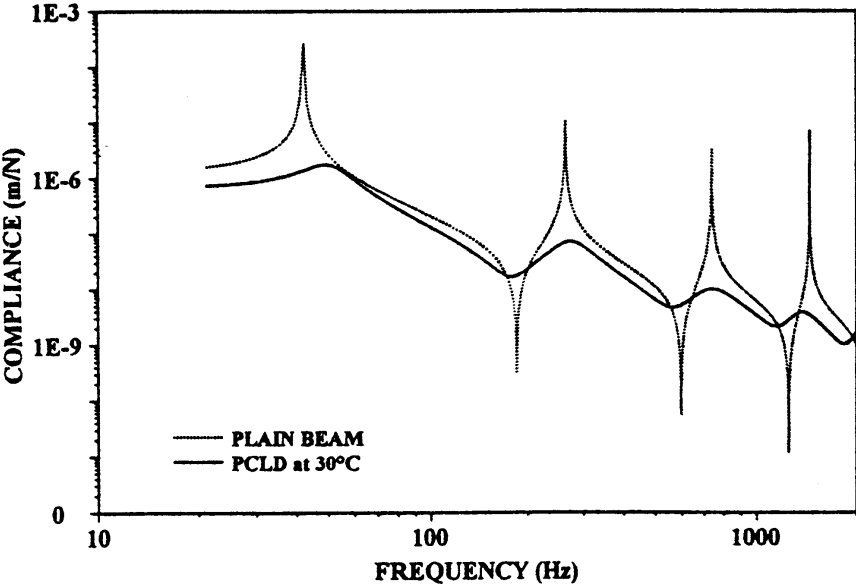


Figure B.1: Comparison between the compliances of a plain and passively treated steel beam at 30°C

Figure B.1 corresponds to the simulation problem described in section 3.3 of chapter3. This figure is similar to figure 3.6. The method of analysis used by Baz and Ro is based upon finite element techniques. For more details about this particular model the reader is referred to the article of *A. Baz and J. Ro* [48].

