Supplementary Material

An Impact Insensitive Fiber Optic Current Transformer Based on Polarization Maintaining Photonic Crystal Fiber Delay Coil

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# The specific results in dynamic equation

This part shows the specific values of all the symbols in equation (7) and (8).

 (S1)

The solutions of impact force *Fn* of nth layer PMF delay coil at two stages 0 < *t* ≤ *τ* (*F*1*n*) and *t* > *τ* (*F*2*n*):

 (S2)