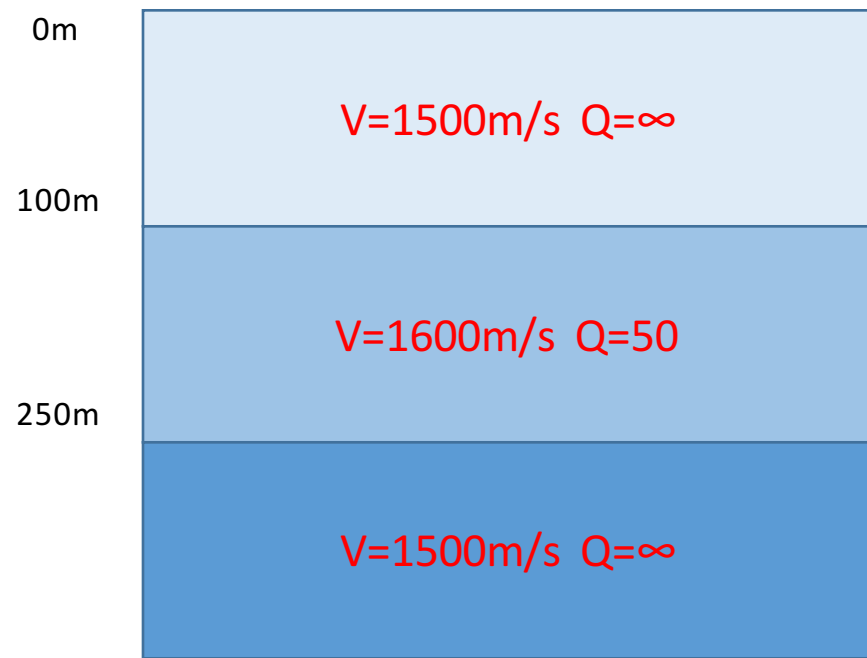


A numerical test for ISS Q compensation without knowing, estimating or determining Q and **without needing or using low frequency data**

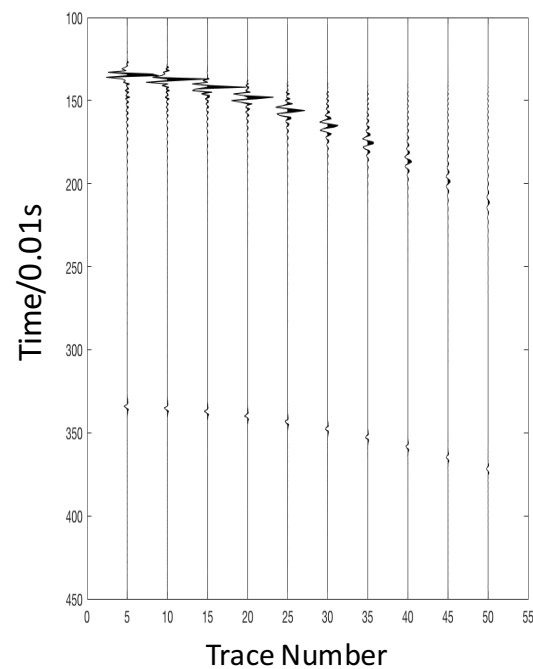
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## Two-reflector model for Q compensation without Q

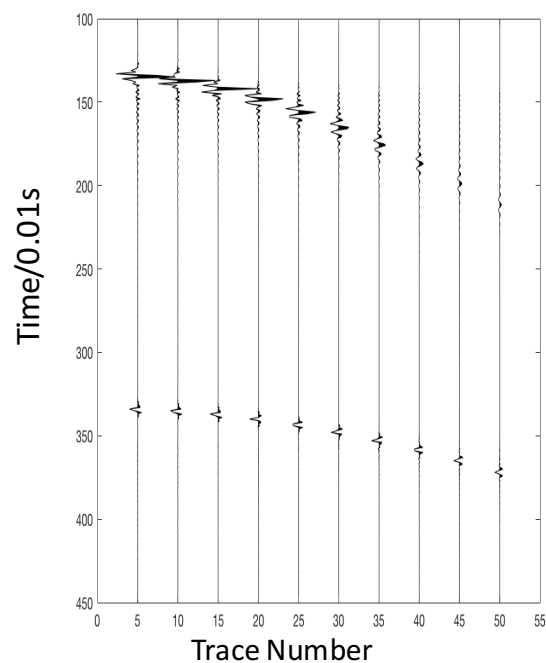


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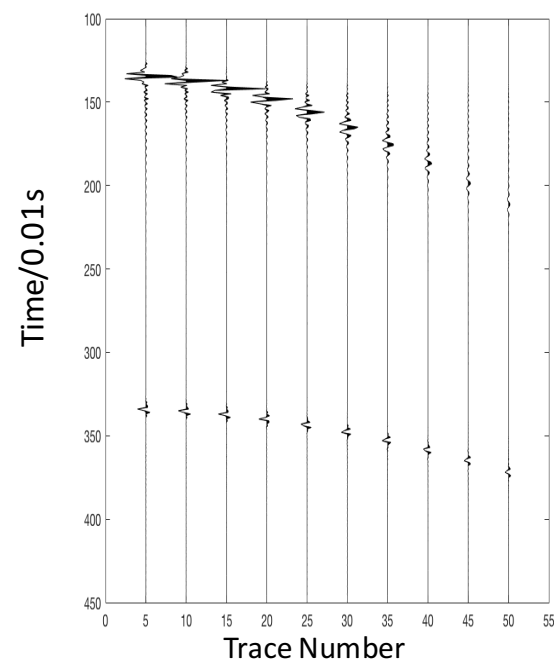
Data with Q



Data with Q after Q compensation



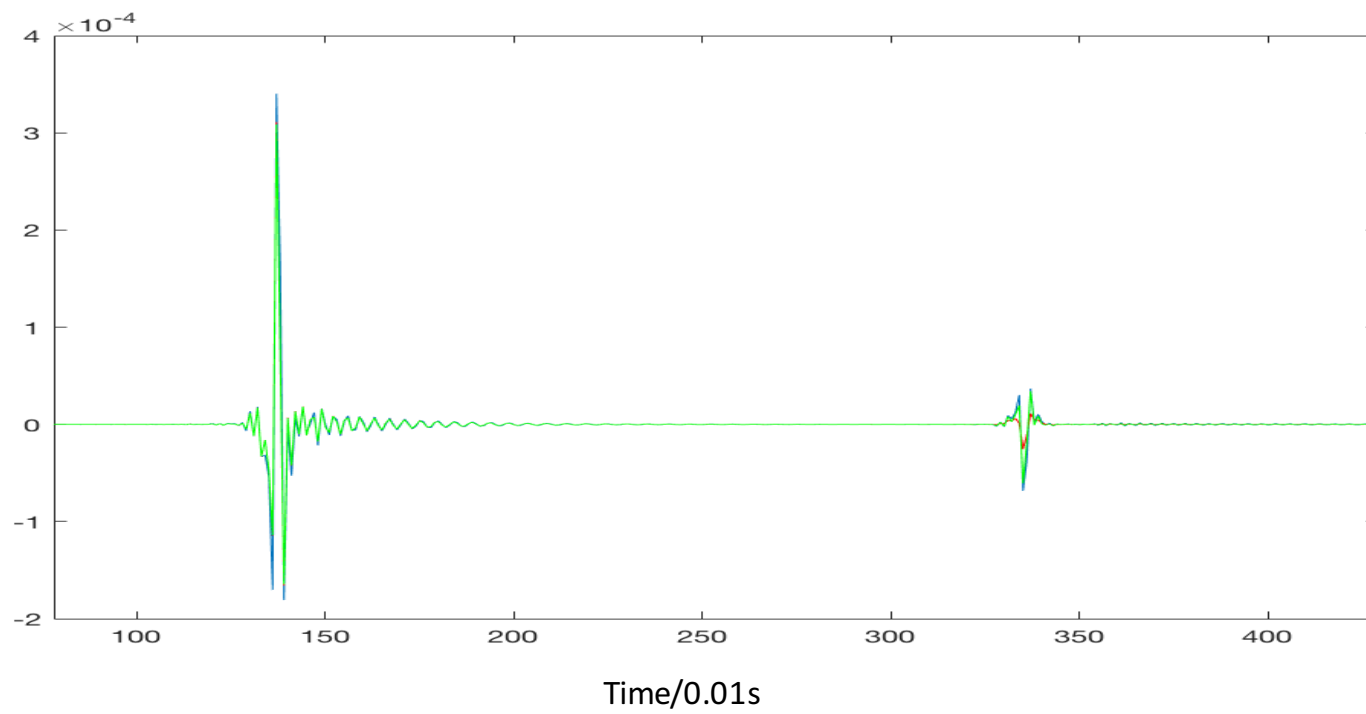
Data without Q



Left: Data generated by the model with Q. Middle: The data (with Q) after ISS Q compensation without Q  
 Right: Data generated by the same model but without Q.

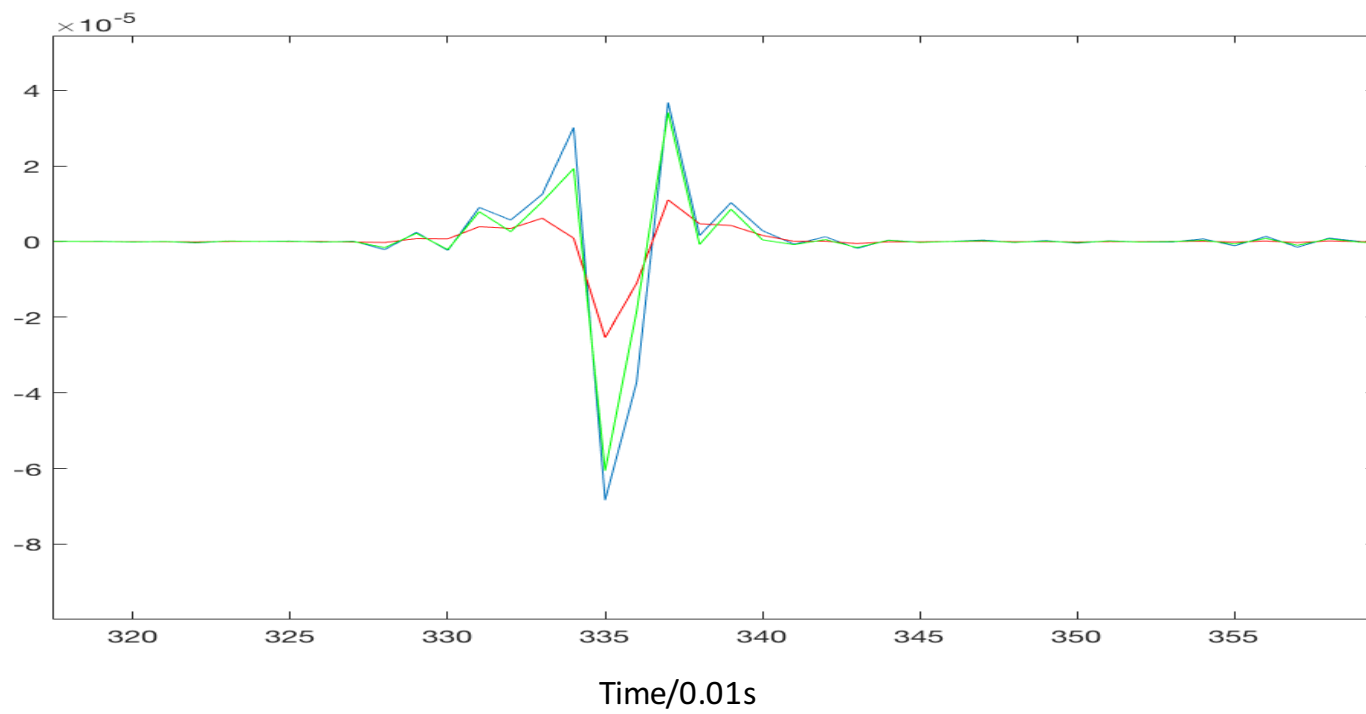
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One trace comparison. Red line: Data with Q. Green line: Data with Q after Q compensation. Blue line: Data without Q



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One trace comparison magnifying the event in the previous slide between 3.2s-3.5s.  
Red line: Data with Q. Green line: Data with Q after Q compensation. Blue line: Data without Q



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