



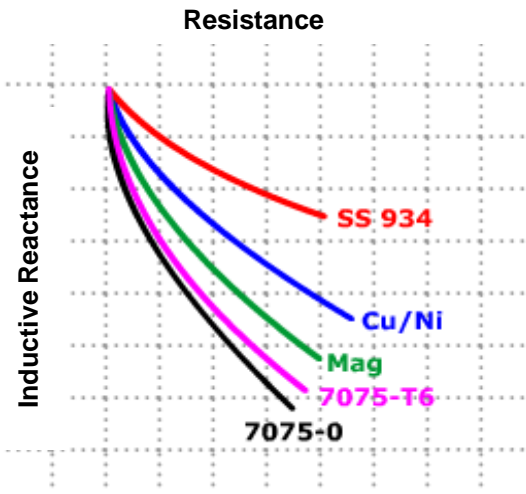
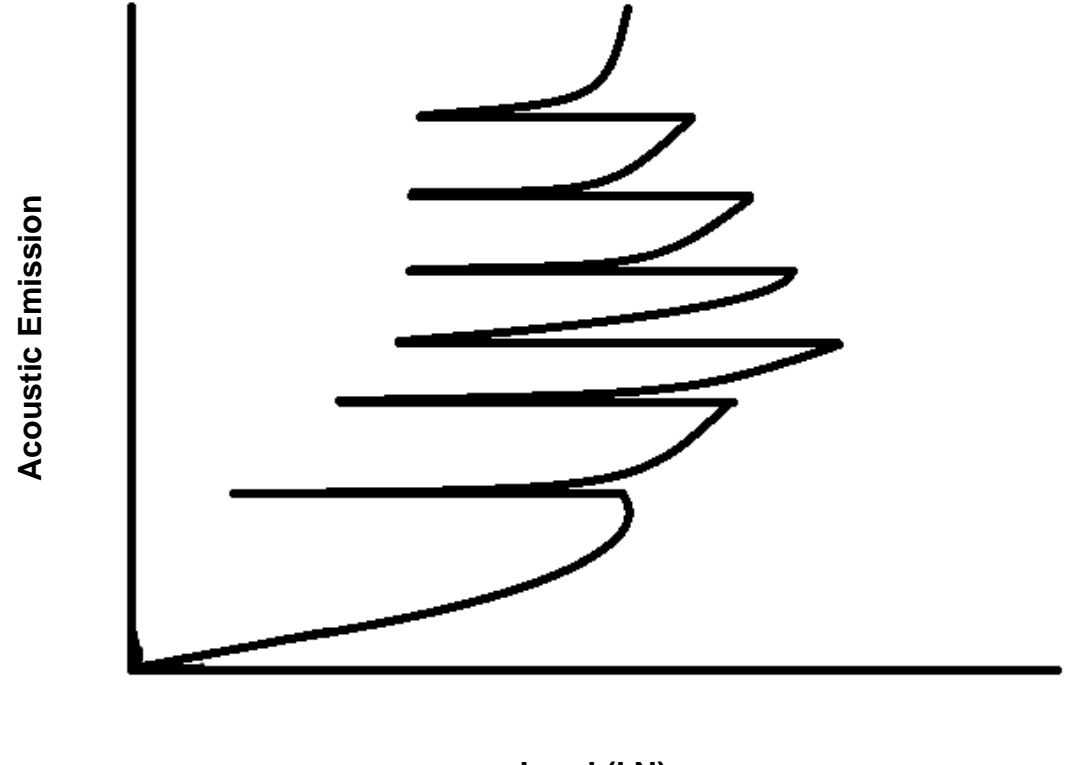
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II SEMESTER M.TECH. (CIVIL ENGINEERING) END SEMESTER
EXAMINATIONS MAY 2019
SUBJECT: NON-DESTRUCTIVE TESTING OF MATERIALS [CIE 5282
Date of Exam: **07/05/2019** Time of Exam: **9:00AM to 12:00PM** Max. Marks: **50**



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5A	<p>The thermal conductivity behaviour of some metals are shown below. Write your inference.</p> 	5	5
5B	<p>A steel member of a structure which was subjected to cyclic loading till its failure, was inspected using Acoustic Emission inspection method. The resultant graph is shown in figure. Interpret the plot and explain the failure behaviour of the member.</p> 	5	5