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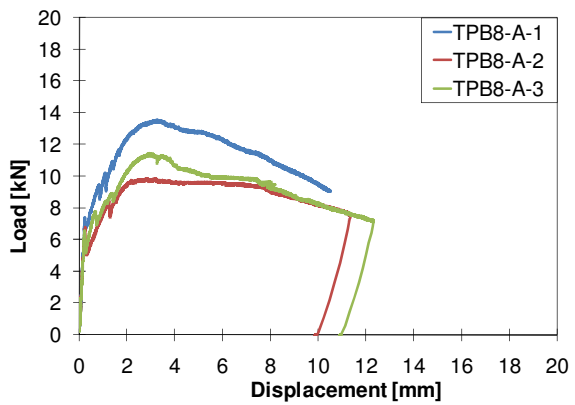
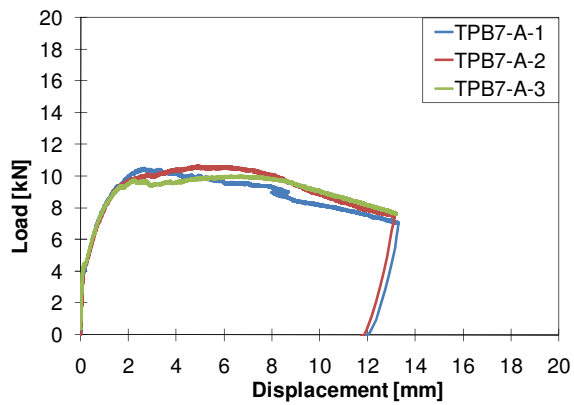
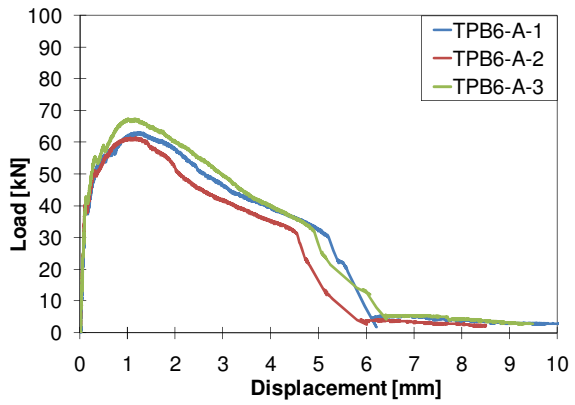
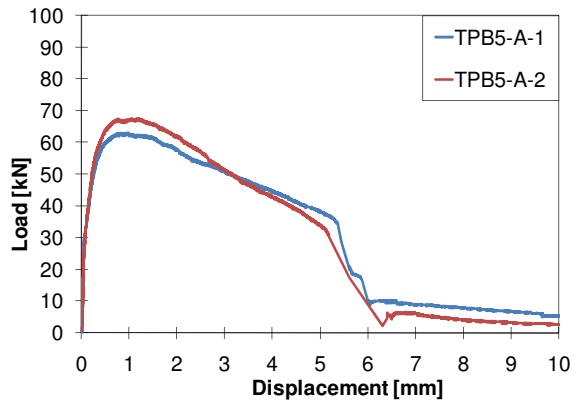
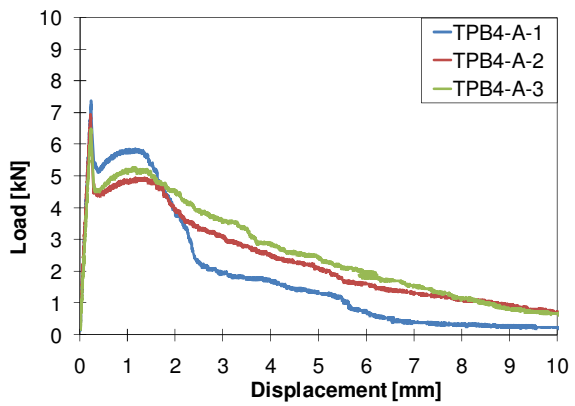
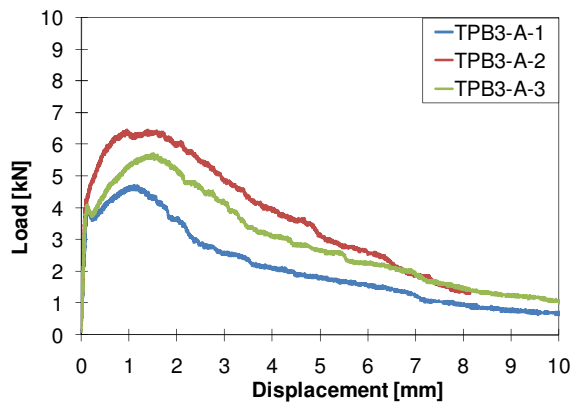
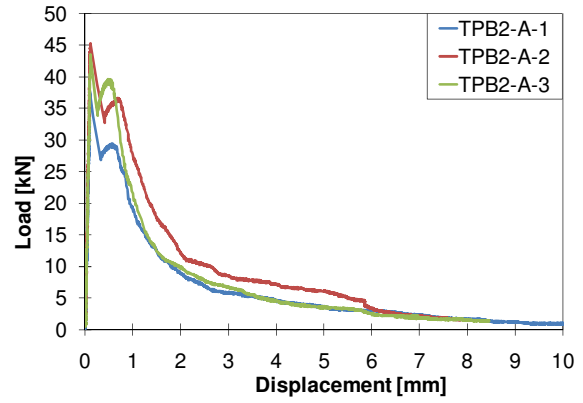
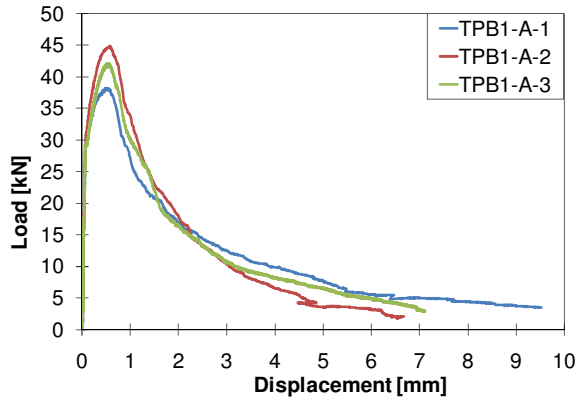
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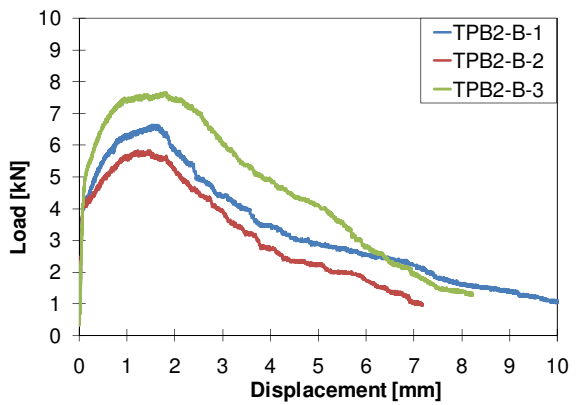
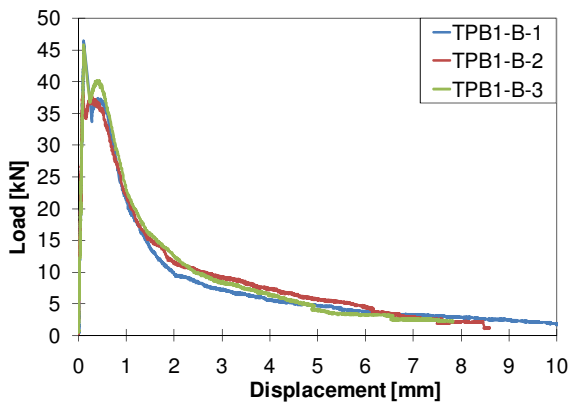
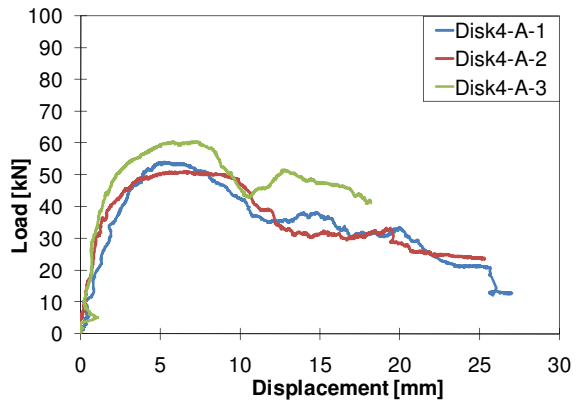
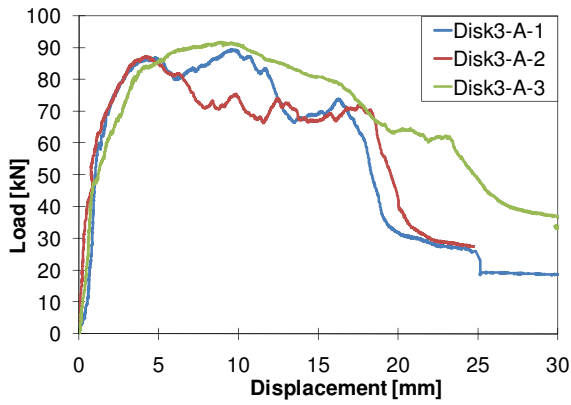
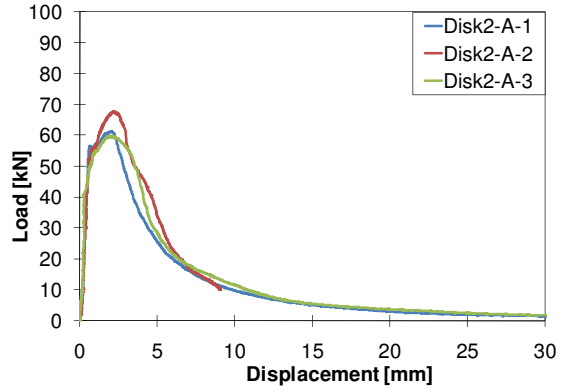
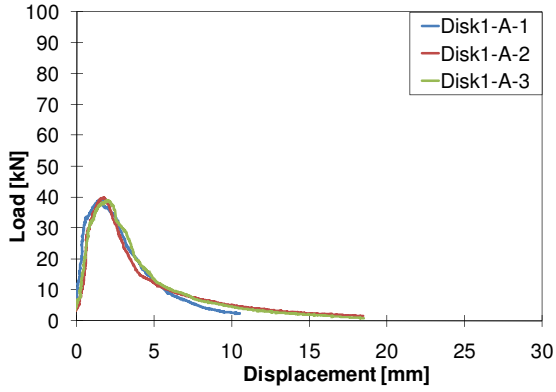
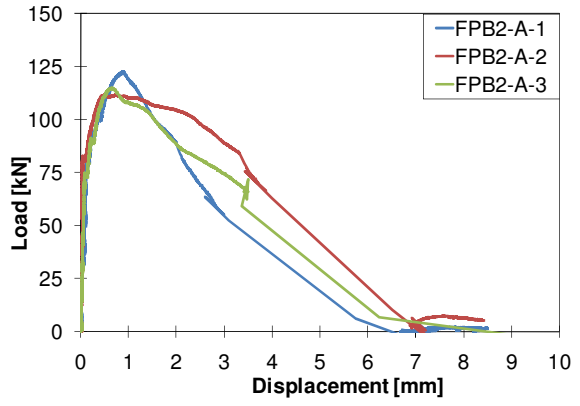
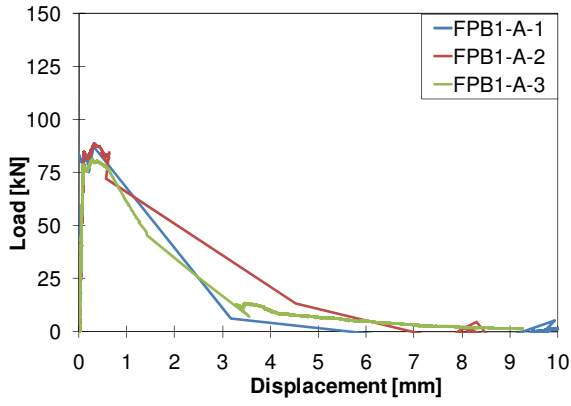
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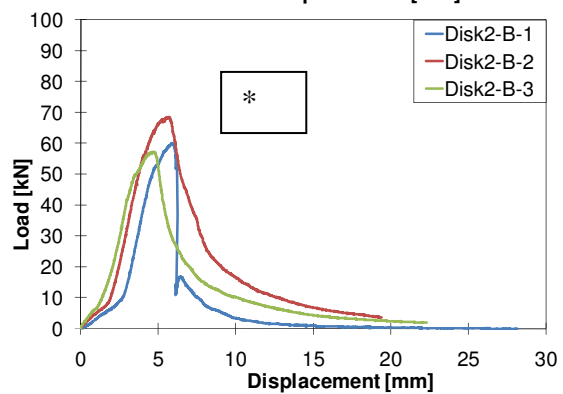
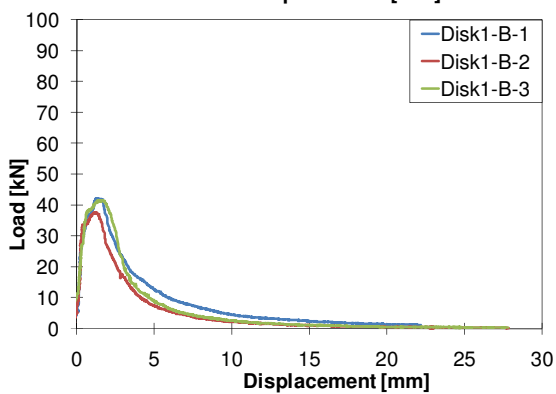
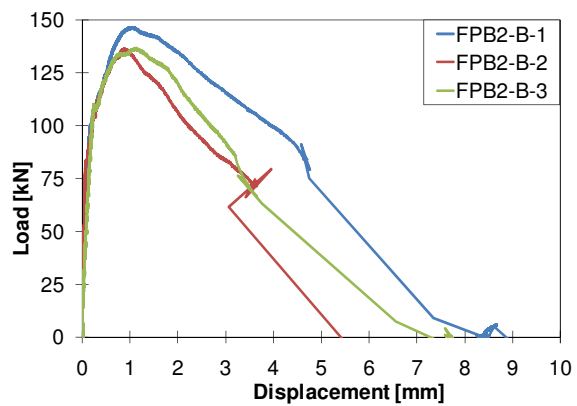
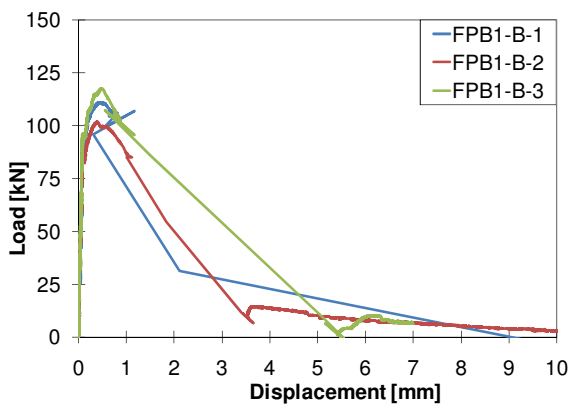
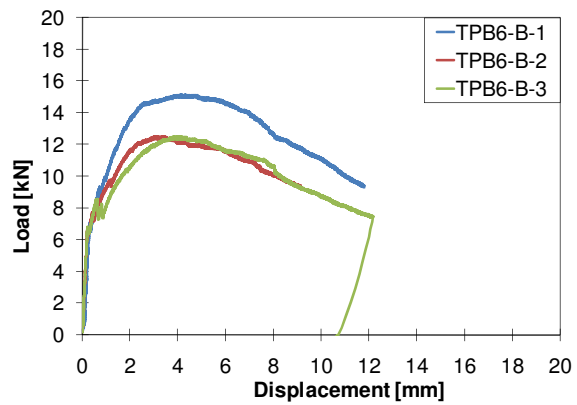
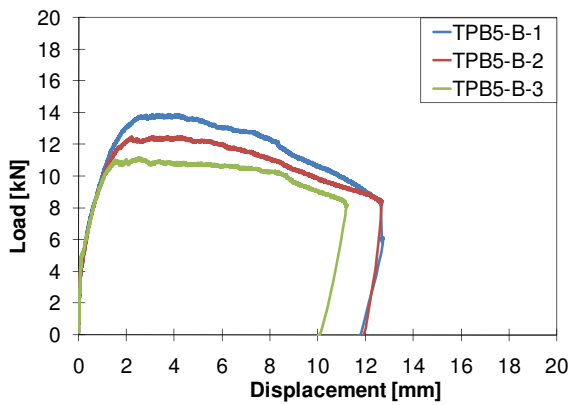
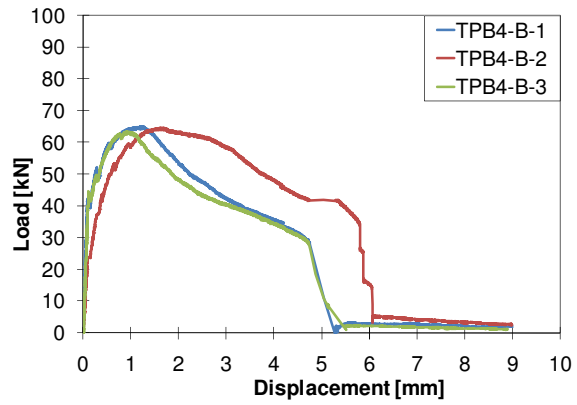
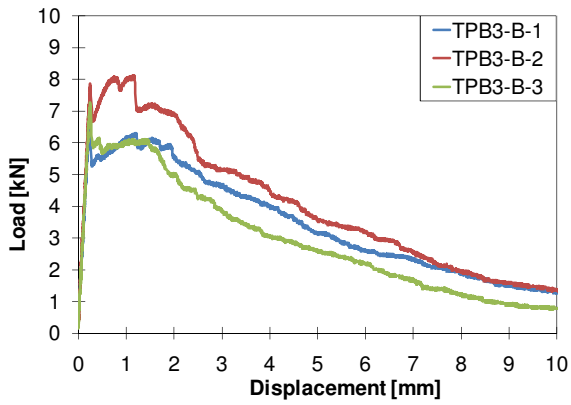
Zhang, J., and Stang, H. 1998. Fatigue performance in flexure of fiber reinforced concrete. *ACI Materials journal*, 95(1), 58-67.

Zhang, J., Stang, H., and Li, V. 1999. Fatigue life prediction of fiber reinforced concrete under flexural load. *International Journal of Fatigue*, 21(10), 1033-1049.

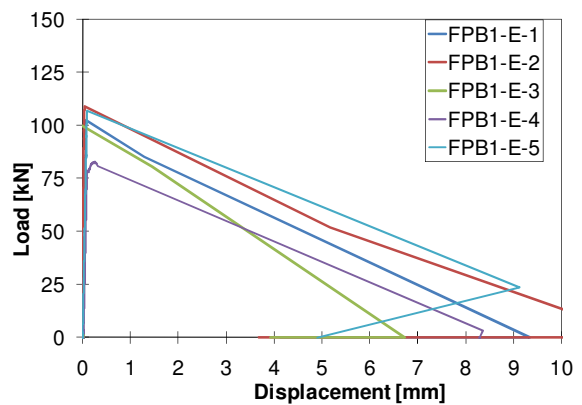
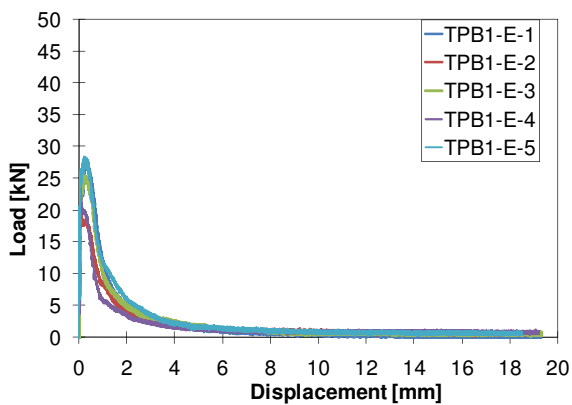
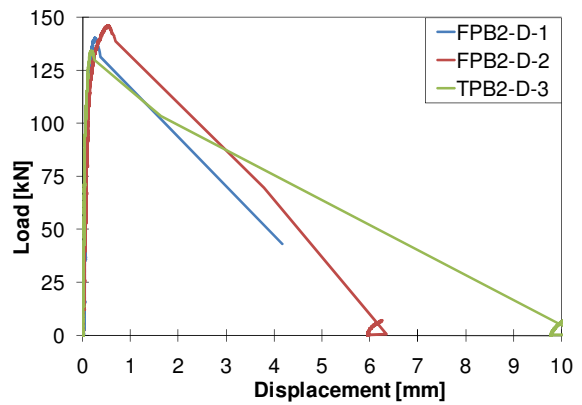
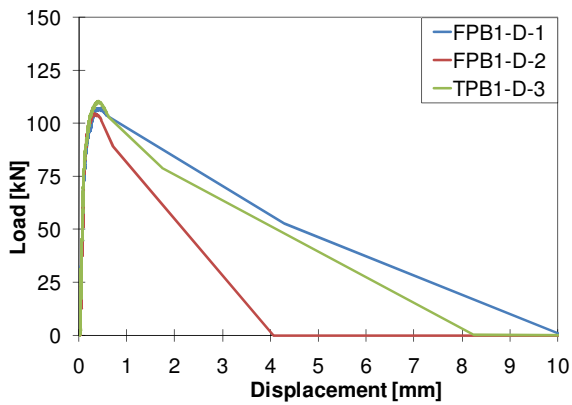
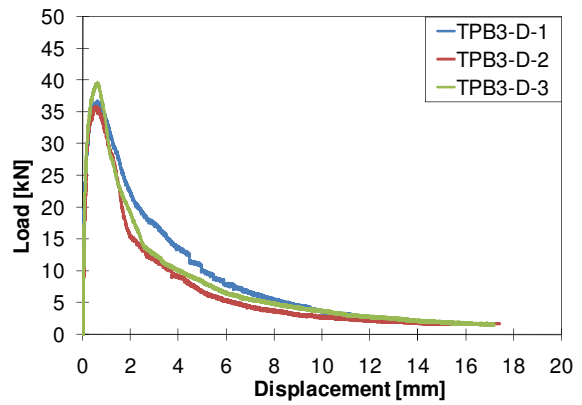
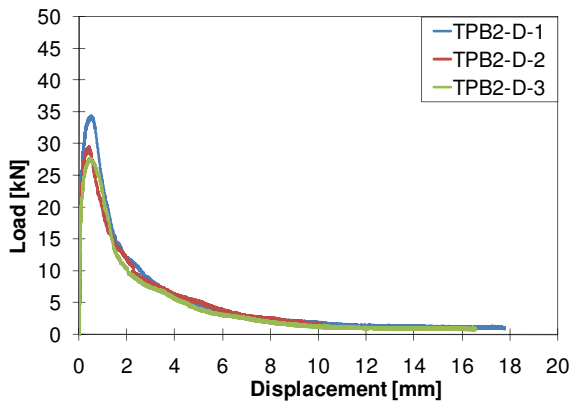
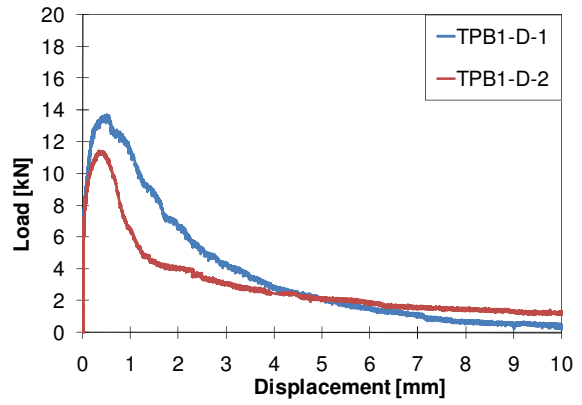
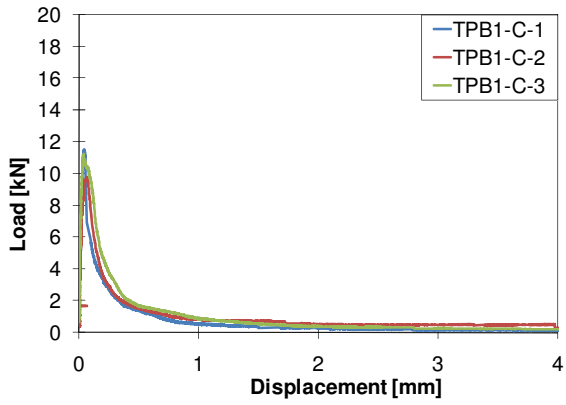
APPENDIX A: FLEXURAL TEST RESULTS

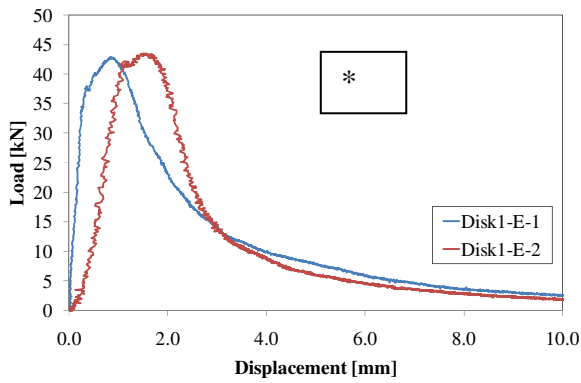
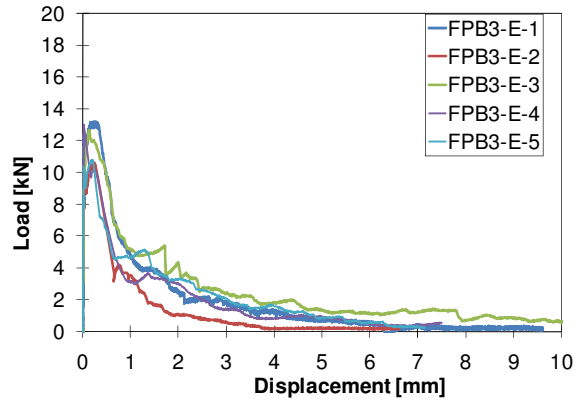
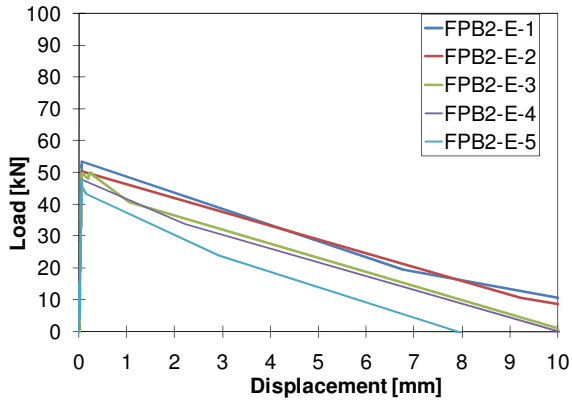






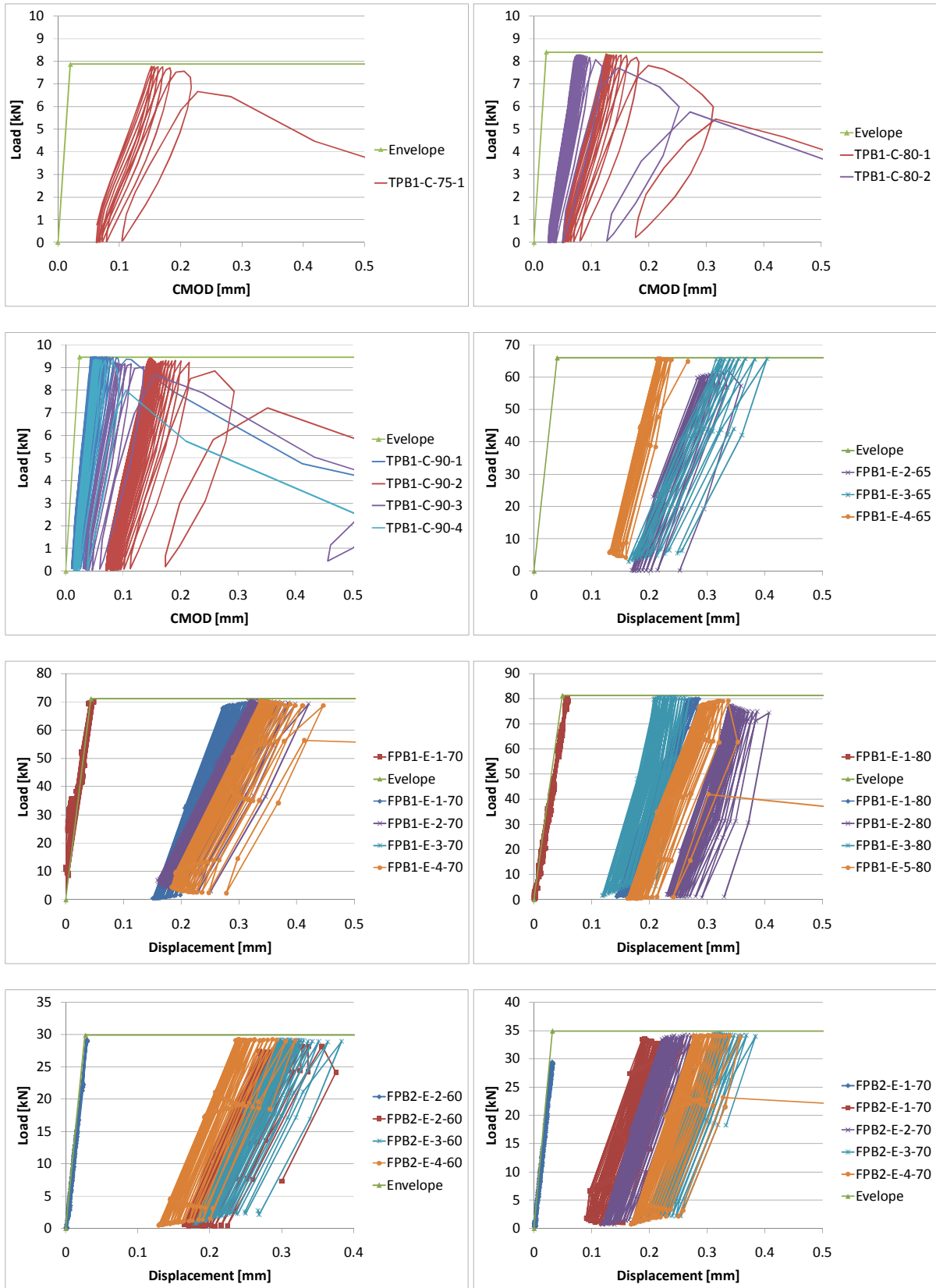
* The LVDT displacement recording malfunctioned during this set of disk tests. The results plotted are the actuator displacement vs .load. The actuator LVDT has limited accuracy, resulting in the aberrant load-displacement curves.

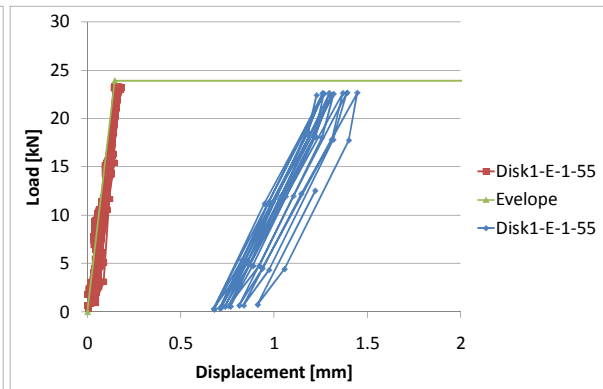
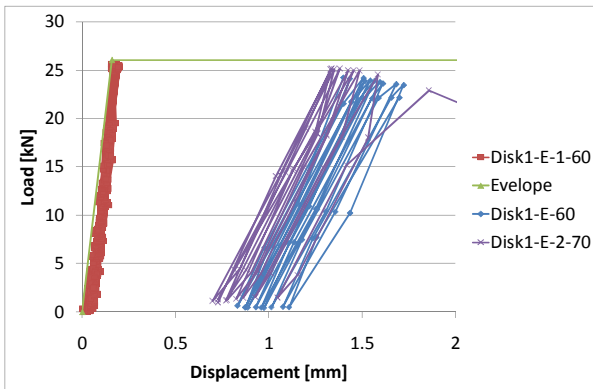
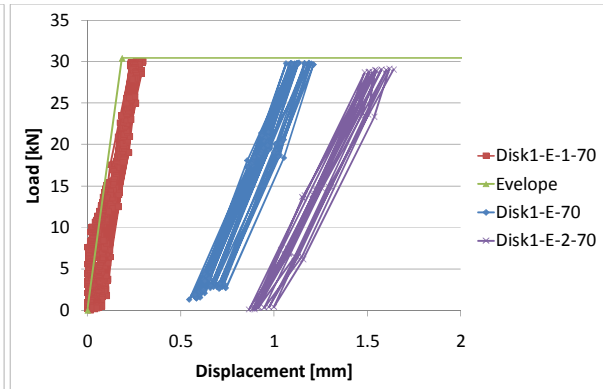
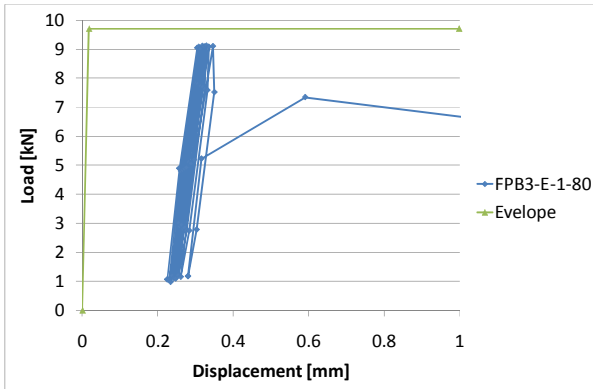
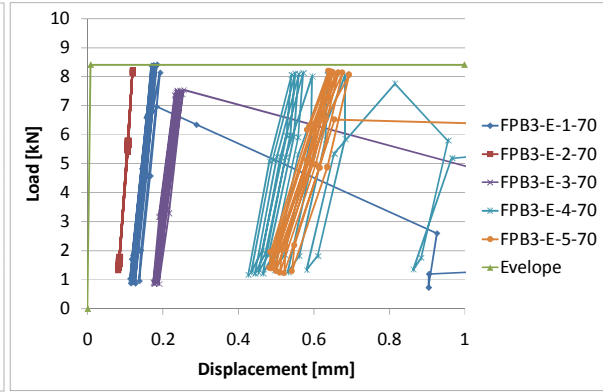
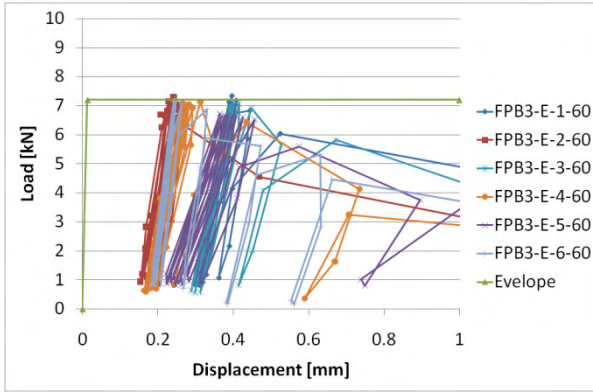




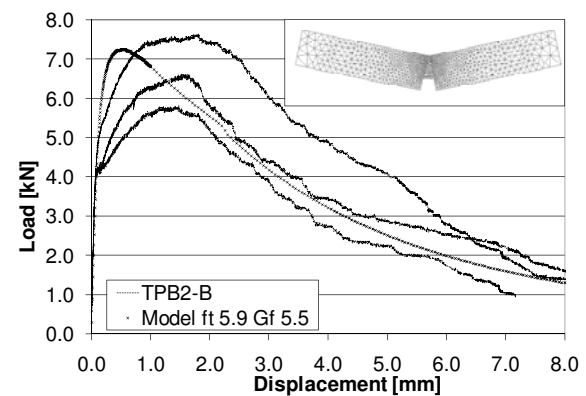
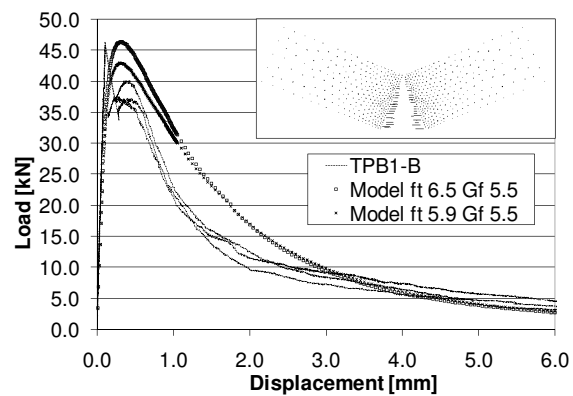
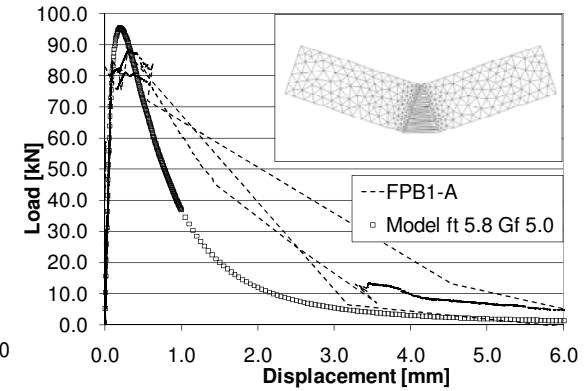
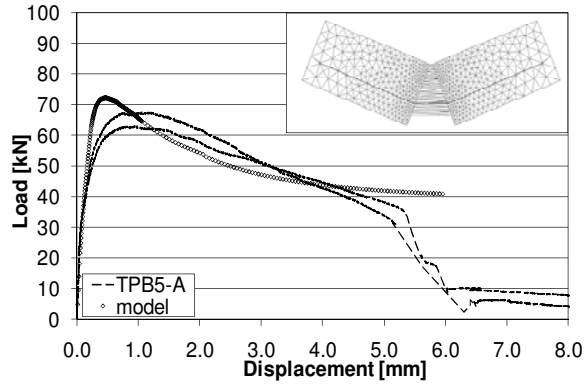
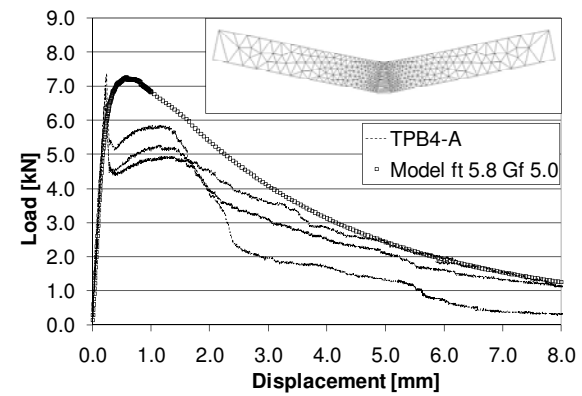
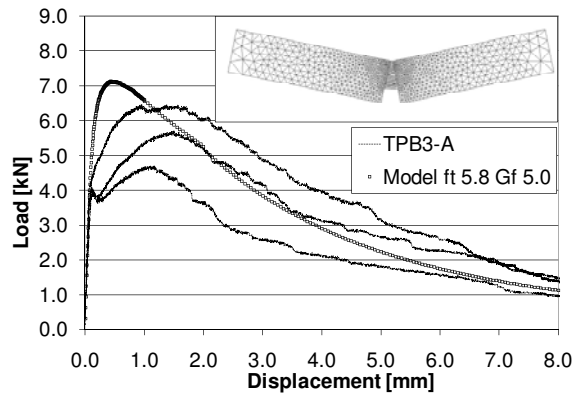
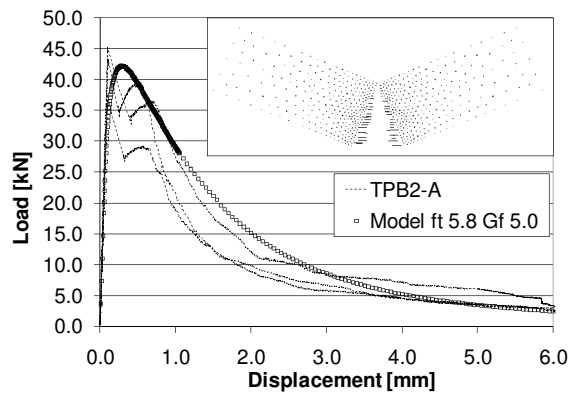
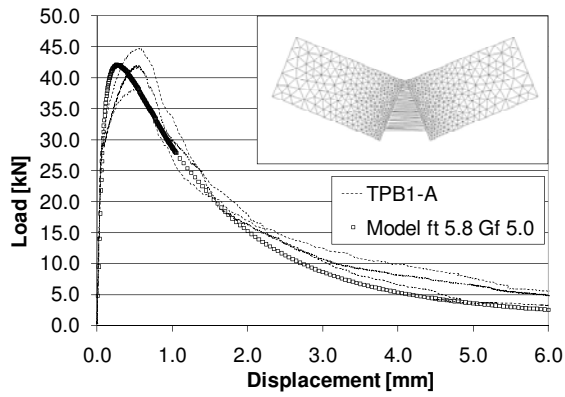
* The LVDT displacement recording malfunctioned during the test on specimen Disk1-E-2. The result plotted for this specimen is the actuator displacement vs .load. The actuator LVDT has limited accuracy, resulting in the aberrant load-displacement curve.

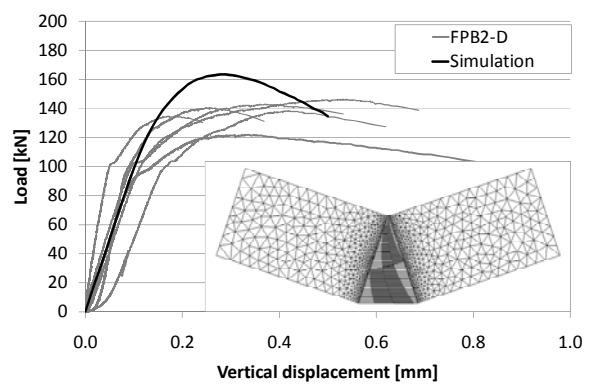
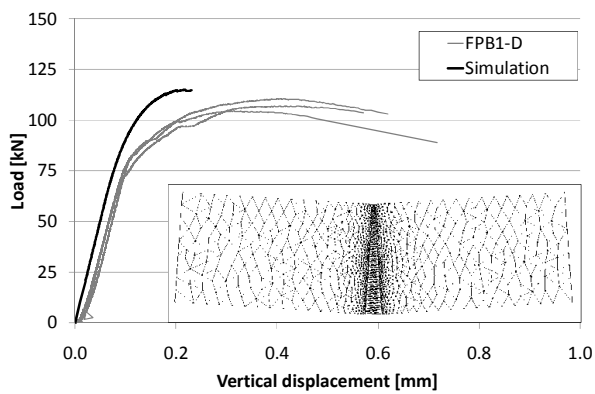
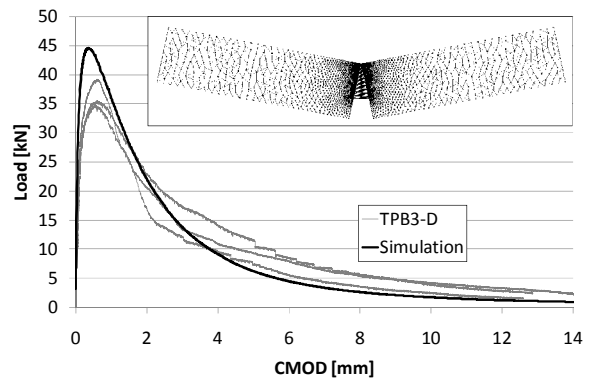
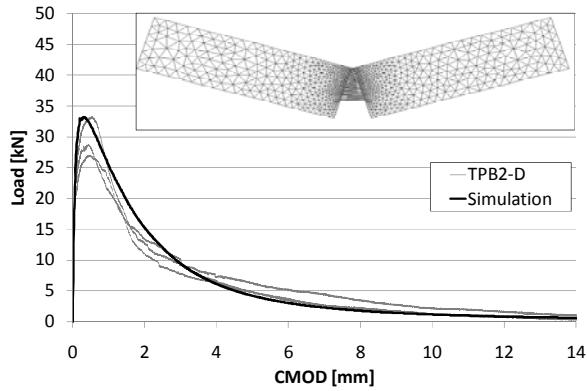
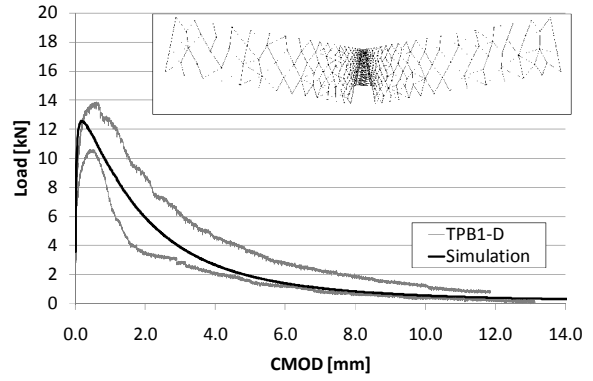
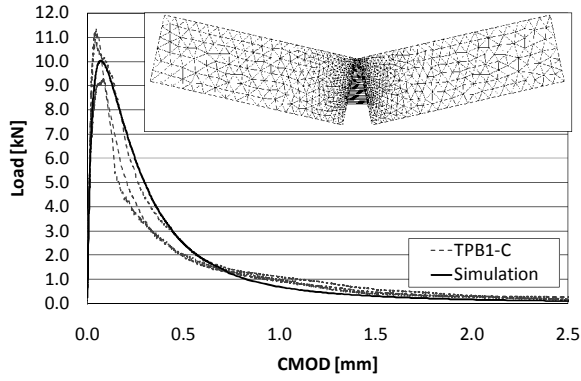
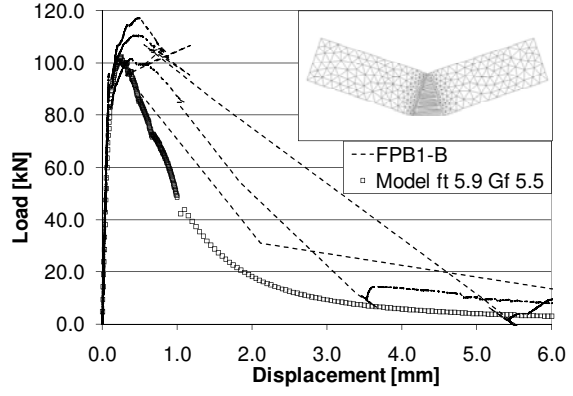
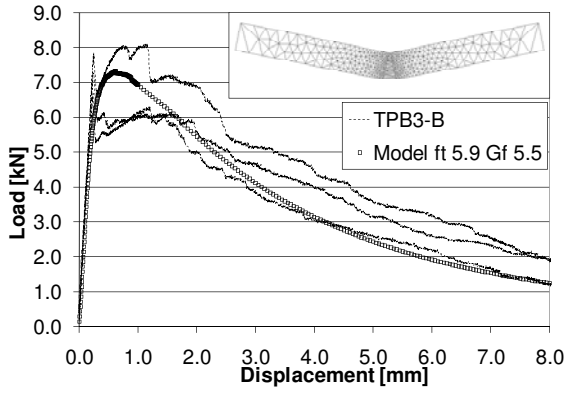
APPENDIX B: CYCLIC TEST RESULTS



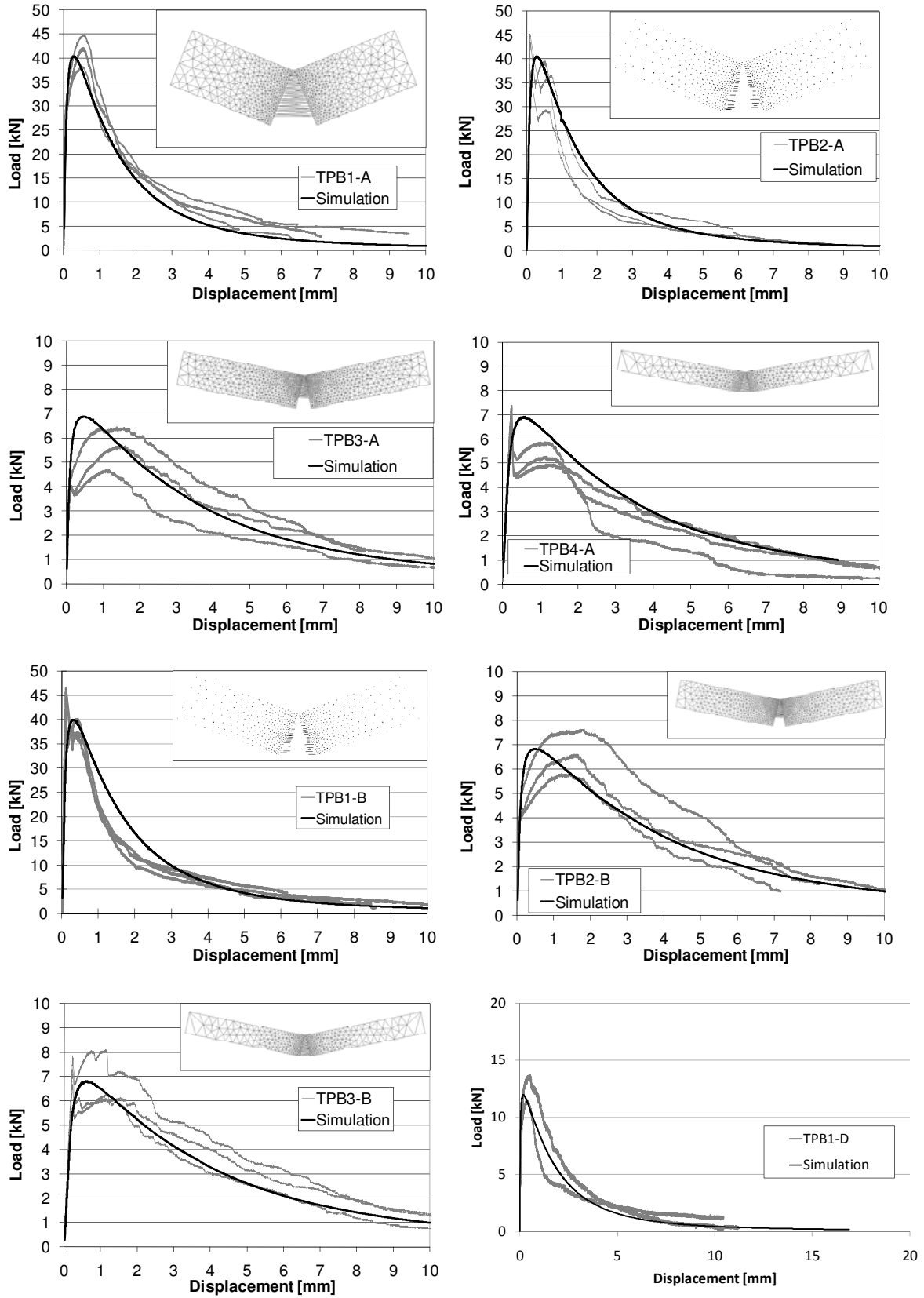


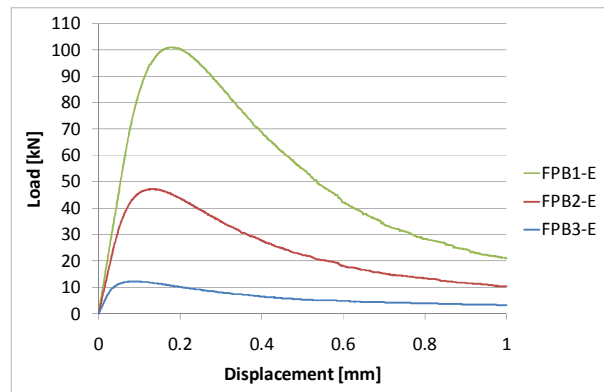
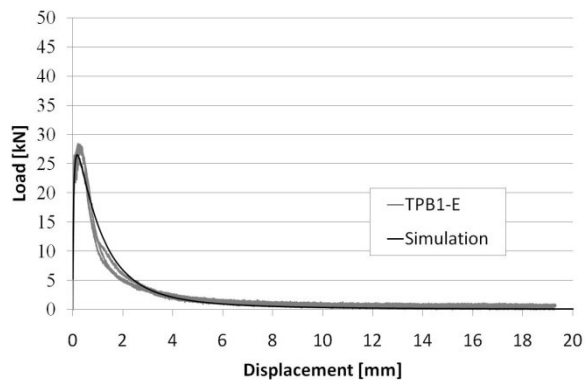
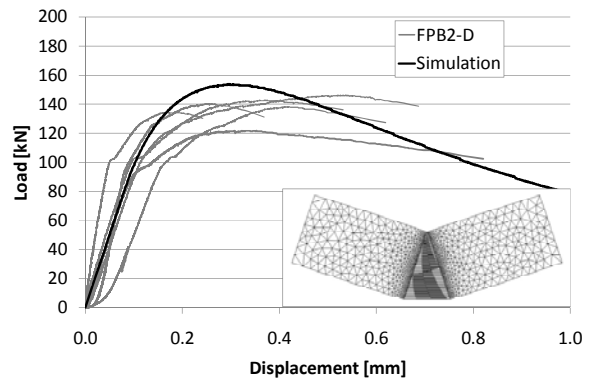
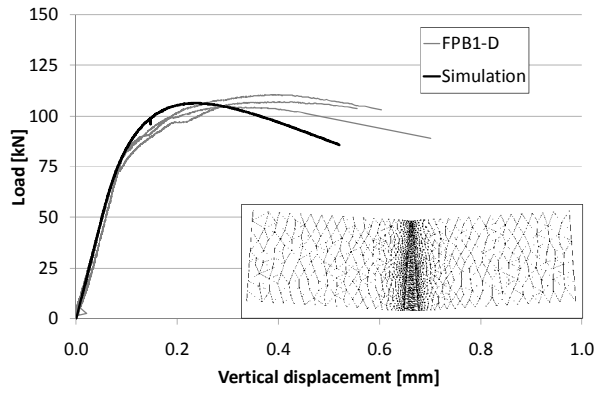
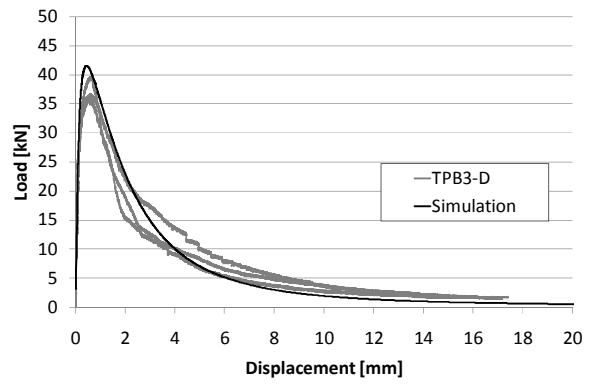
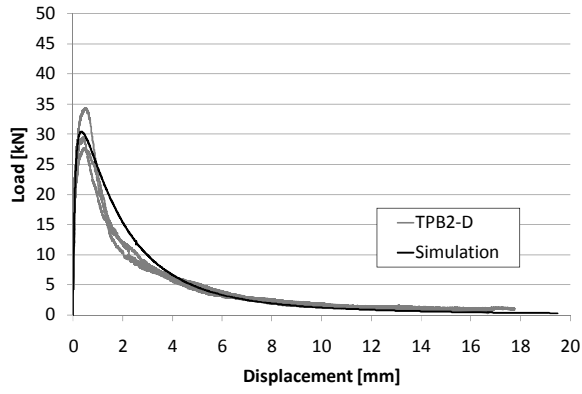
APPENDIX C: EXPONENTIAL SOFTENING



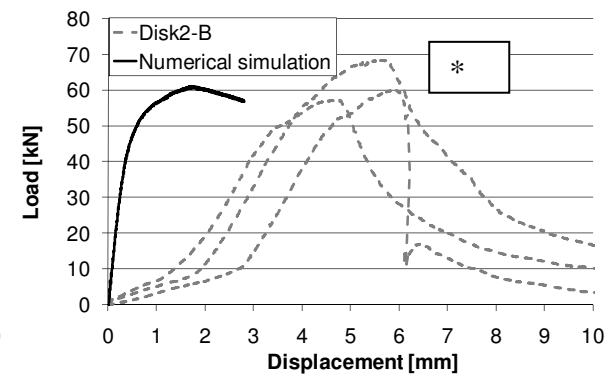
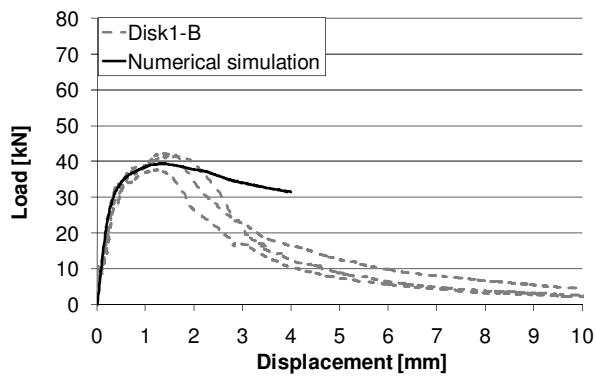
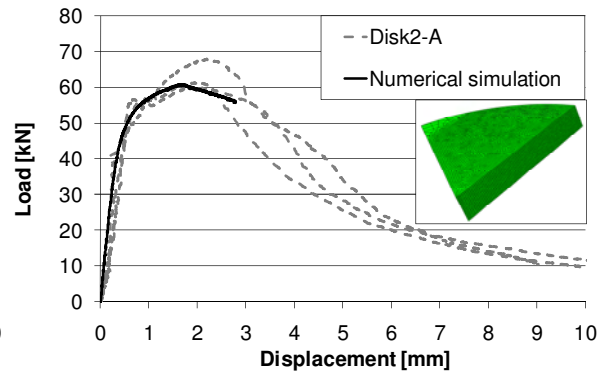
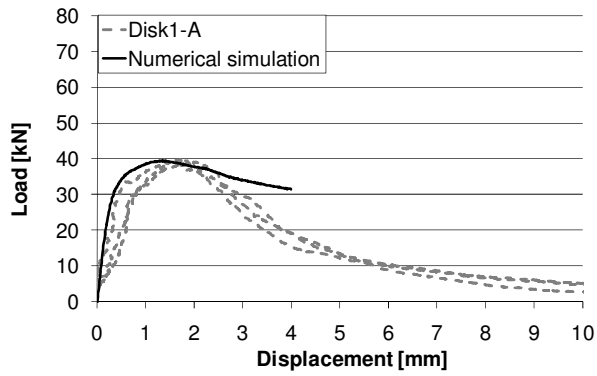


APPENDIX D: SIMULATION USING CRACK TIP SINGULARITY





APPENDIX E: SIMULATION OF FLEXURAL DISKS



* The LVDT displacement recording malfunctioned during this set of disk tests. The results plotted are the actuator displacement vs .load. The actuator LVDT has limited accuracy, resulting in the aberrant load-displacement curves.