

MATH 349

Introduction to Real Analysis –METU Mathematics Department

Titles of Videos:

- 1) Math 349-2020.10.13.1: Least Upper Bound Property of Reals-1
- 2) Math 349-2020.10.13.2: Least Upper Bound Property of Reals-2
- 3) Math 349-2020.10.15.1: Greatest Integer Function
- 4) Math 349-2020.10.15.2: Density of Rationals in Reals
- 5) Math 349-2020.10.20.1: Sequences of Real Numbers-1
- 6) Math 349-2020.10.20.2: Sequences of Real Numbers-2
- 7) Math 349-2020.10.22.1: Sequences of Real Numbers-3
- 8) Math 349-2020.10.22.2: Accumulation Points-1
- 9) Math 349-2020.10.27.1: Accumulation Points-2
- 10) Math 349-2020.10.27.2: The Reals are Complete
- 11) Math 349-2020.11.03.1: Open and Closed Subsets of the Reals
- 12) Math 349-2020.11.03.2: Cantor Intersection Theorem
- 13) Math 349-2020.11.05.1: Limsup and Liminf of a Sequence
- 14) Math 349-2020.11.05.2: Metric Spaces: Definition and Some Examples
- 15) Math 349-2020.11.10.1: Equivalence of Metrics
- 16) Math 349-2020.11.12.1: Uniform Metric, Open and Closed Balls
- 17) Math 349-2020.11.12.2: Open and Closed Sets in Metric Spaces
- 18) Math 349-2020.11.17.1: Interior, Exterior and Boundary of a Subset-1
- 19) Math 349-2020.11.17.2: Interior, Exterior and Boundary of a Subset-2
- 20) Math 349-2020.11.19.1: Closure of a Subset
- 21) Math 349-2020.11.19.2: Sequences in Metric Spaces
- 22) Math 349-2020.11.24.1: Characterization of Closure via Sequences