

Math 158 Lecture Notes (Professor: <fill in pls>)

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January 9, 2024

Lecture 1: 1/9/2024

A graph is a pair (V, E) where V is a set of vertices and E is a set of unordered pairs of elements of V called edges. For $u, v \in V$, we say u and v are adjacent if $\{u, v\} \in E$.

Example: $G = (\{1, 2, 3\}, \{\{1, 2\}, \{2, 3\}\})$

2.●

1.●

●3.