Math 131 Homework Assignment (03/29 – 04/02)
Assignment will be collected on 04/09 the next Friday during the class.

**Key notions introduced this week:**

1. Line, plane, space, points, vectors, Euclidean Spaces;
2. Vector Algebra, Linear Combinations, Linear Systems, Standard Basis;
3. Norm, dot product;
4. Schwarz inequality, triangle inequality;
5. Matrix, matrix multiplication.

**Homework problems:**

§1.1. 3, 6, 10, 36.
§1.2. 5, 20, 25, 26, 27.
§1.3. 12, 16.