

## Math 10A Homework Assignment (04/11 – 04/15)

Assignment will be collected on 04/22 the next Friday during the class.

### Key notions introduced this week:

- (1) Partial derivatives, derivative matrices;
- (2) Linear approximation, tangent functions;
- (3) Differentiation, continually differentiable functions;
- (3) Tangent to a curve, velocity of a movement.

### Homework problems:

§2.3. 3(b), 4(b), 7, 12(b), 15.

§2.4. 1, 7, 11, 13, 15, 17.