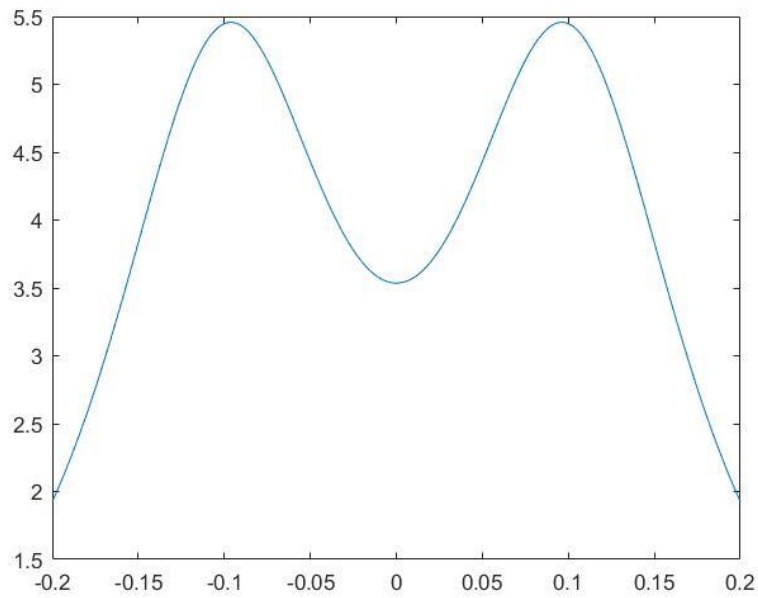


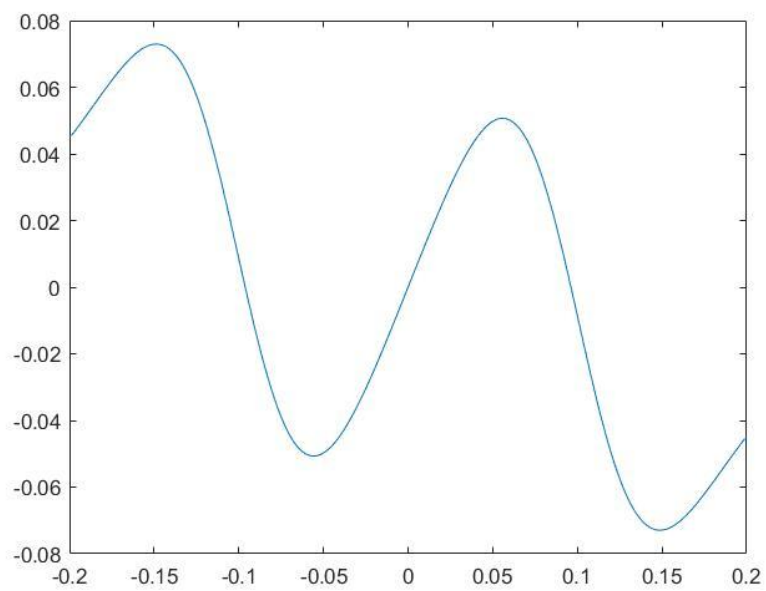
Ασκηση 9

MATLAB

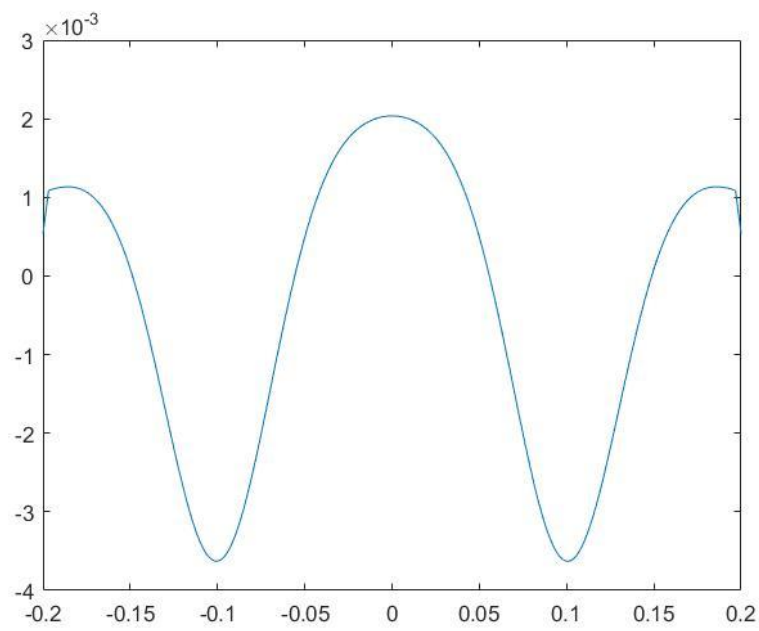
$H(z)$, $h=a$;



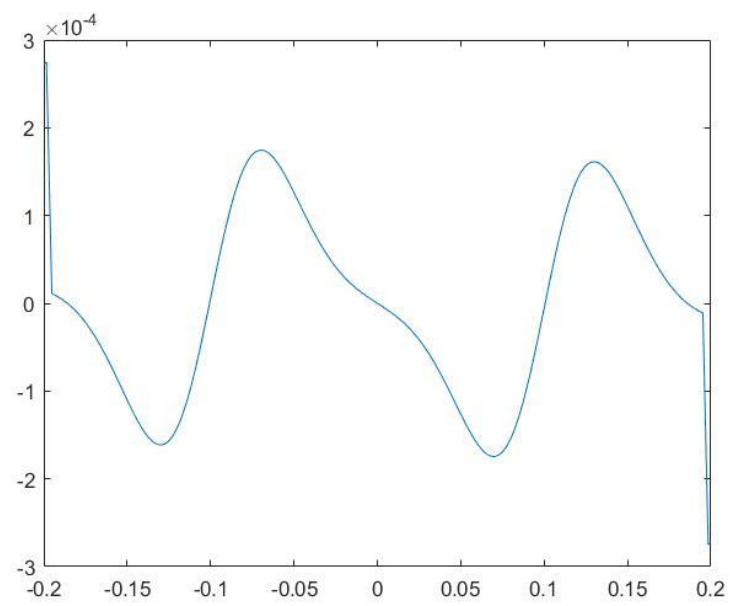
1st derivative with gradient



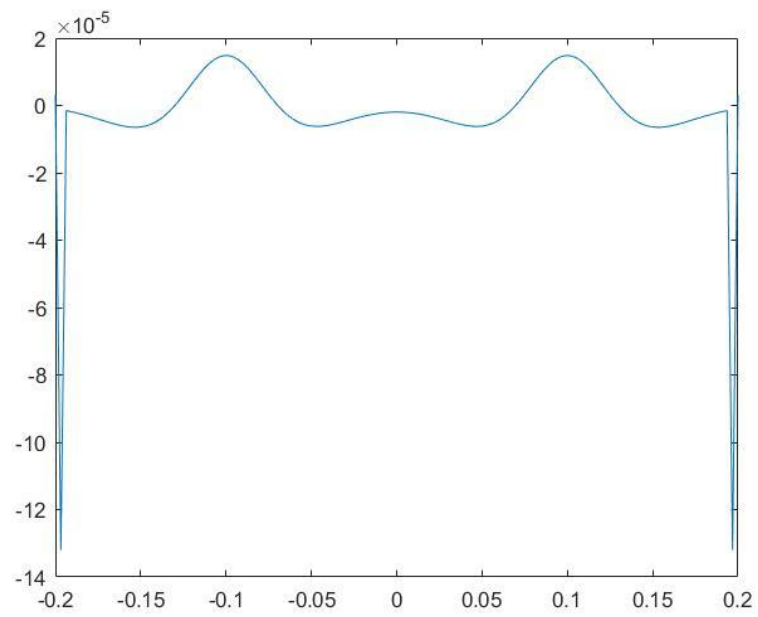
2nd derivative



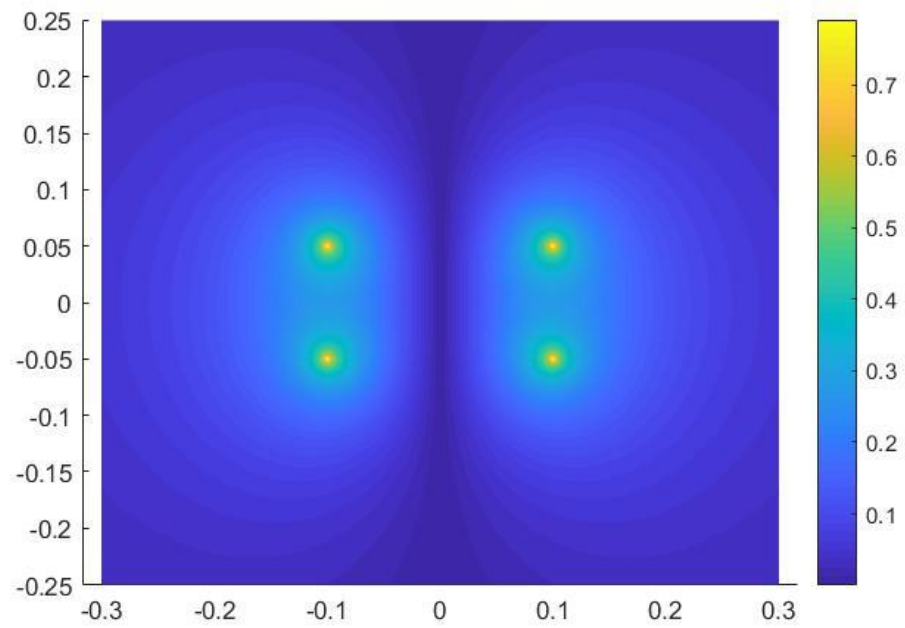
3rd derivative:

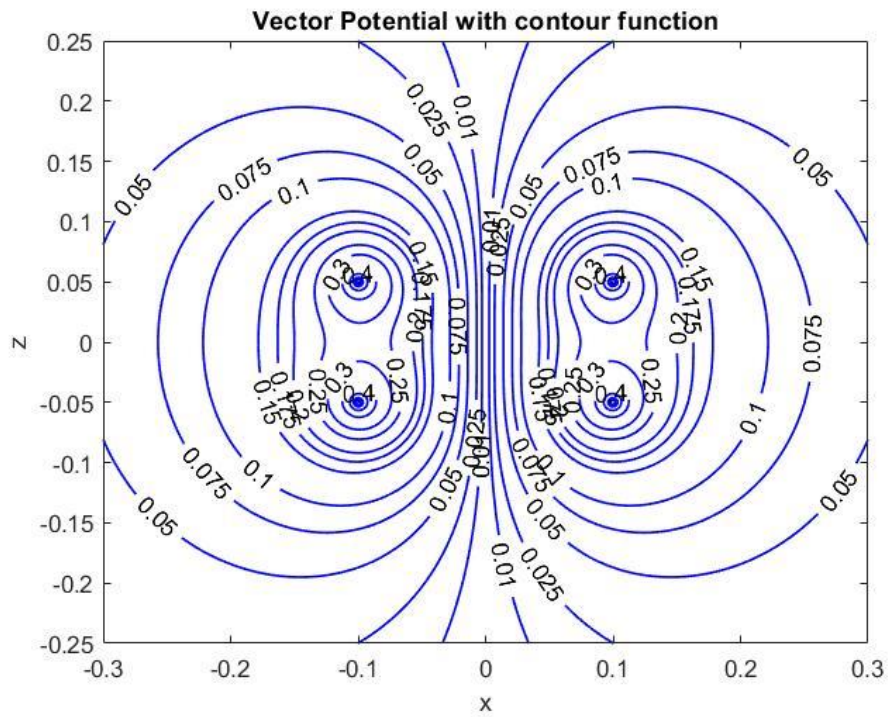


4th derivative:

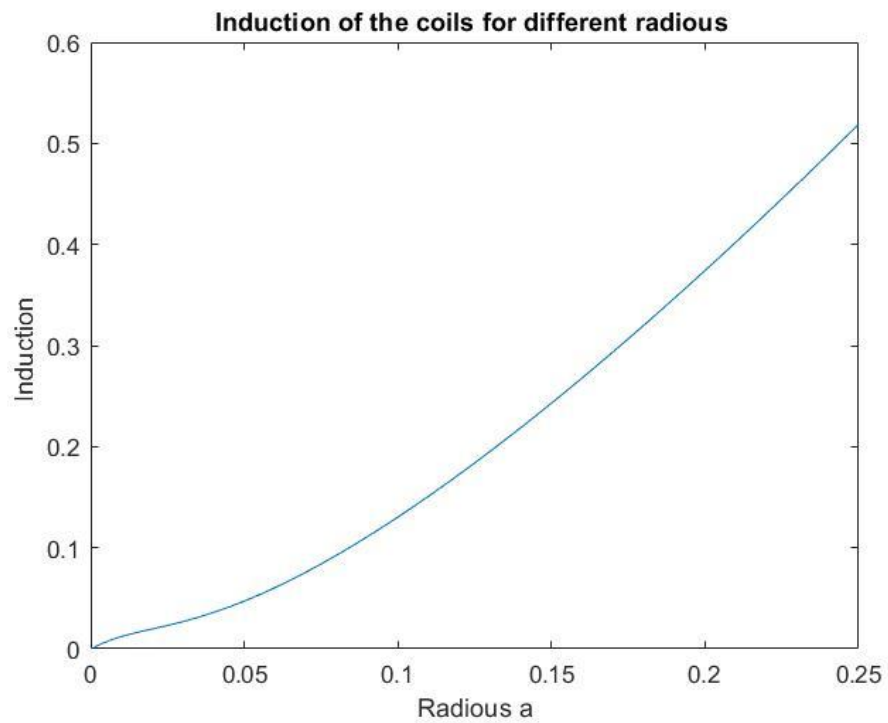


Surface A Potential

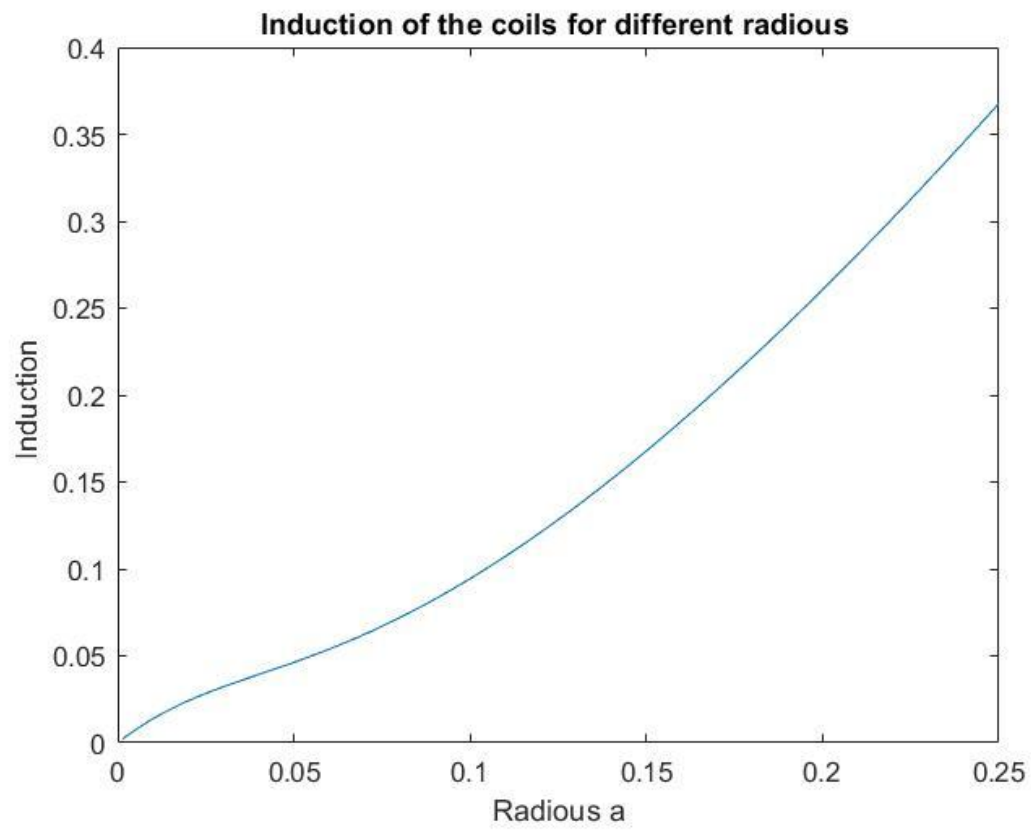




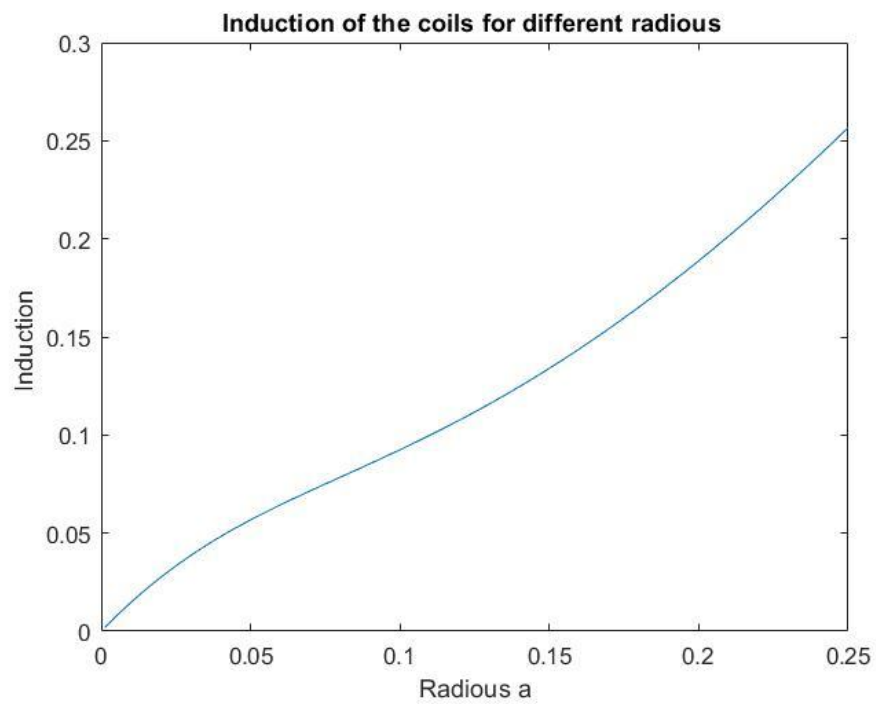
$$2h = 0.05$$

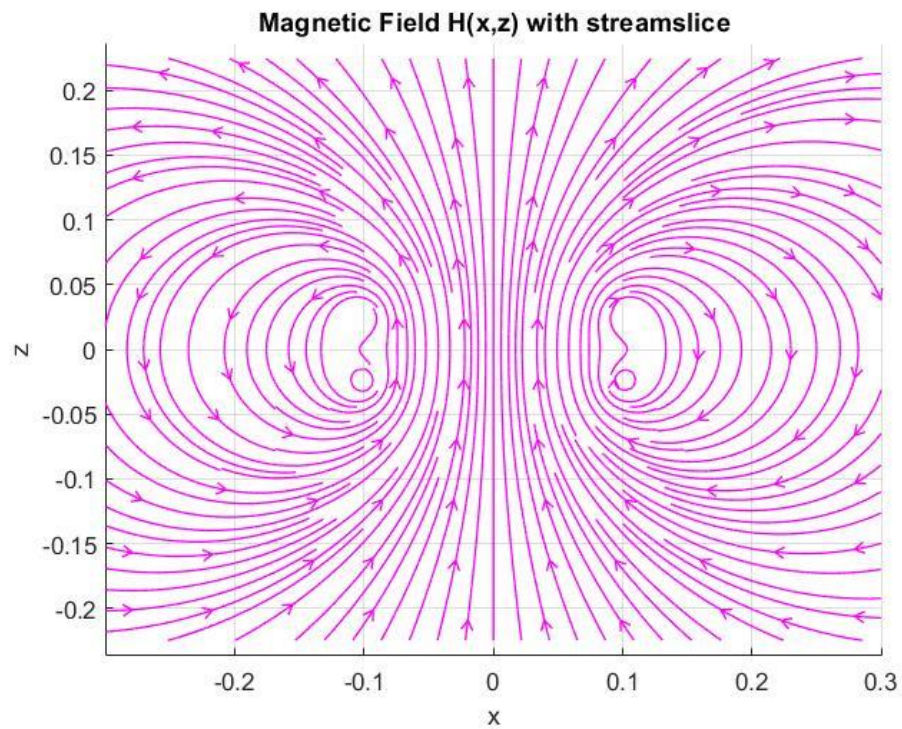
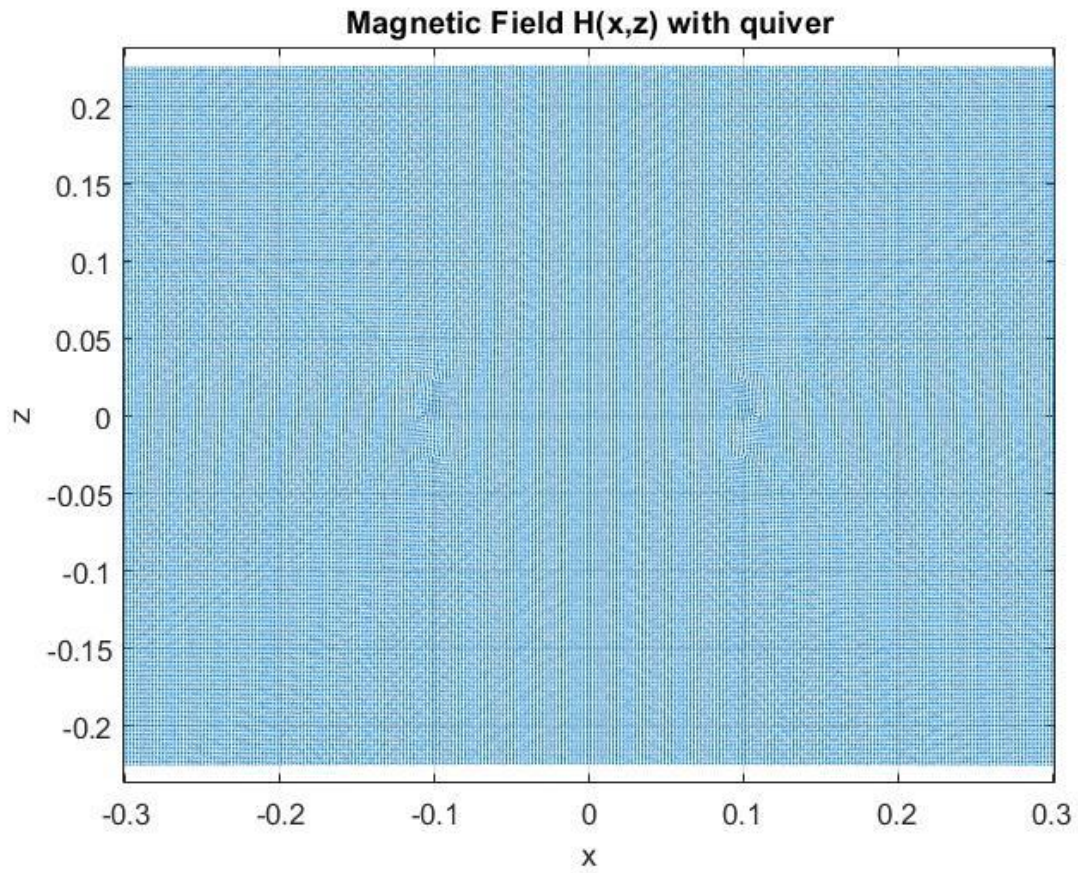


$2h = 0.1$



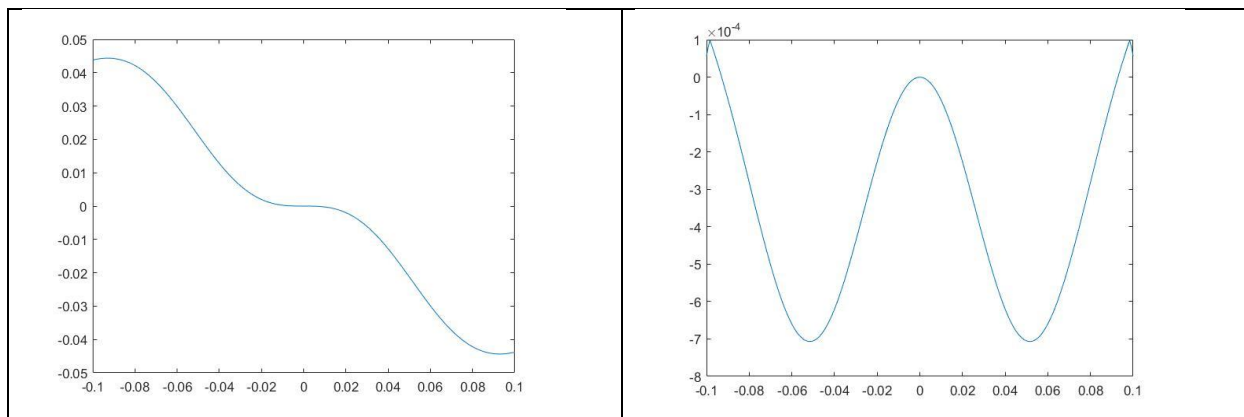
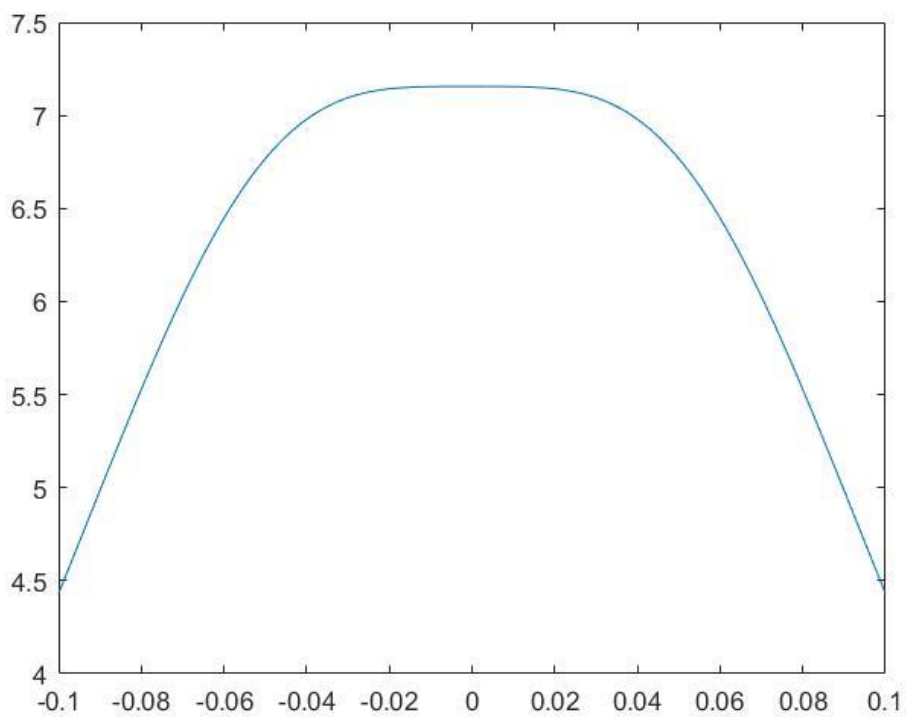
$2h = 0.2$



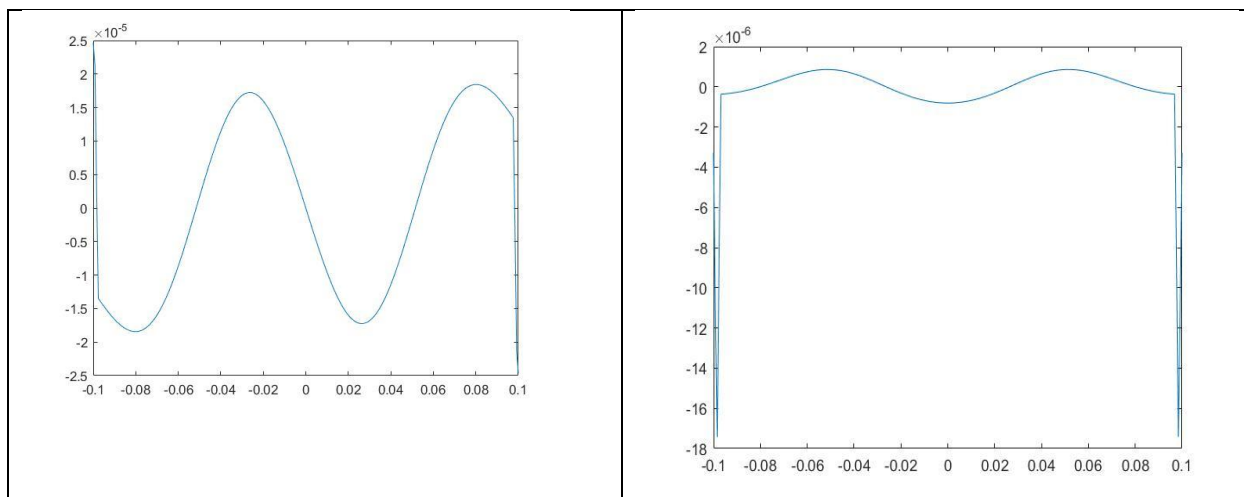


$$2h = a$$

Κανονική
Συνάρτηση



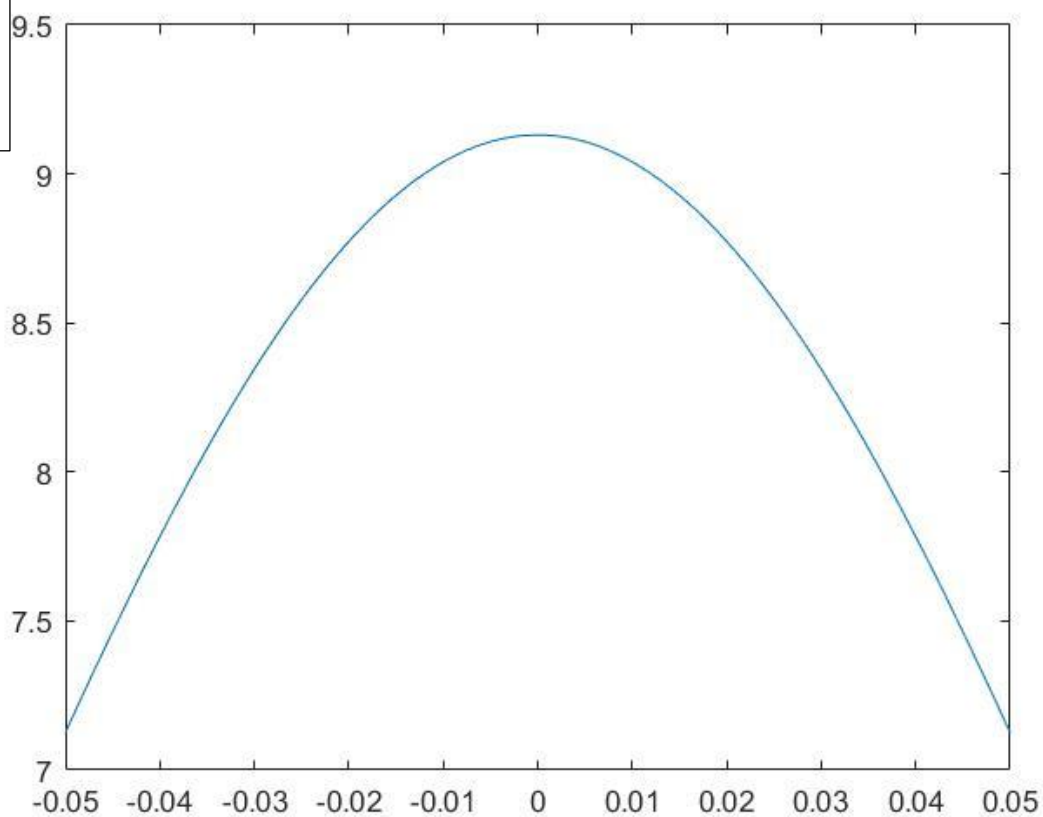
1^η και 2^η παράγωγος

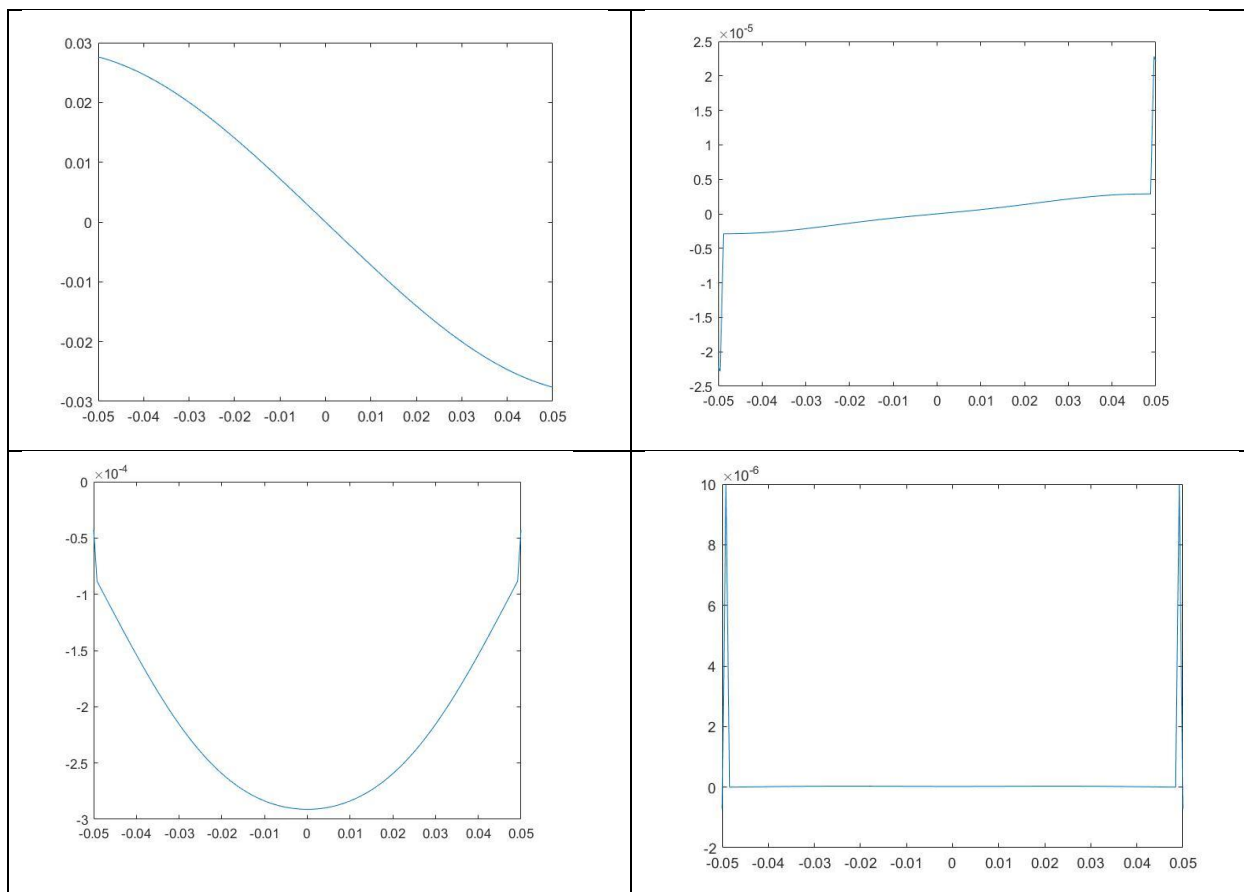


3^η και 4^η παράγωγος

$$2h = a/2$$

Κανονική
συνάρτηση





$1^{\text{η}} - 4^{\text{η}}$ παράγωγος