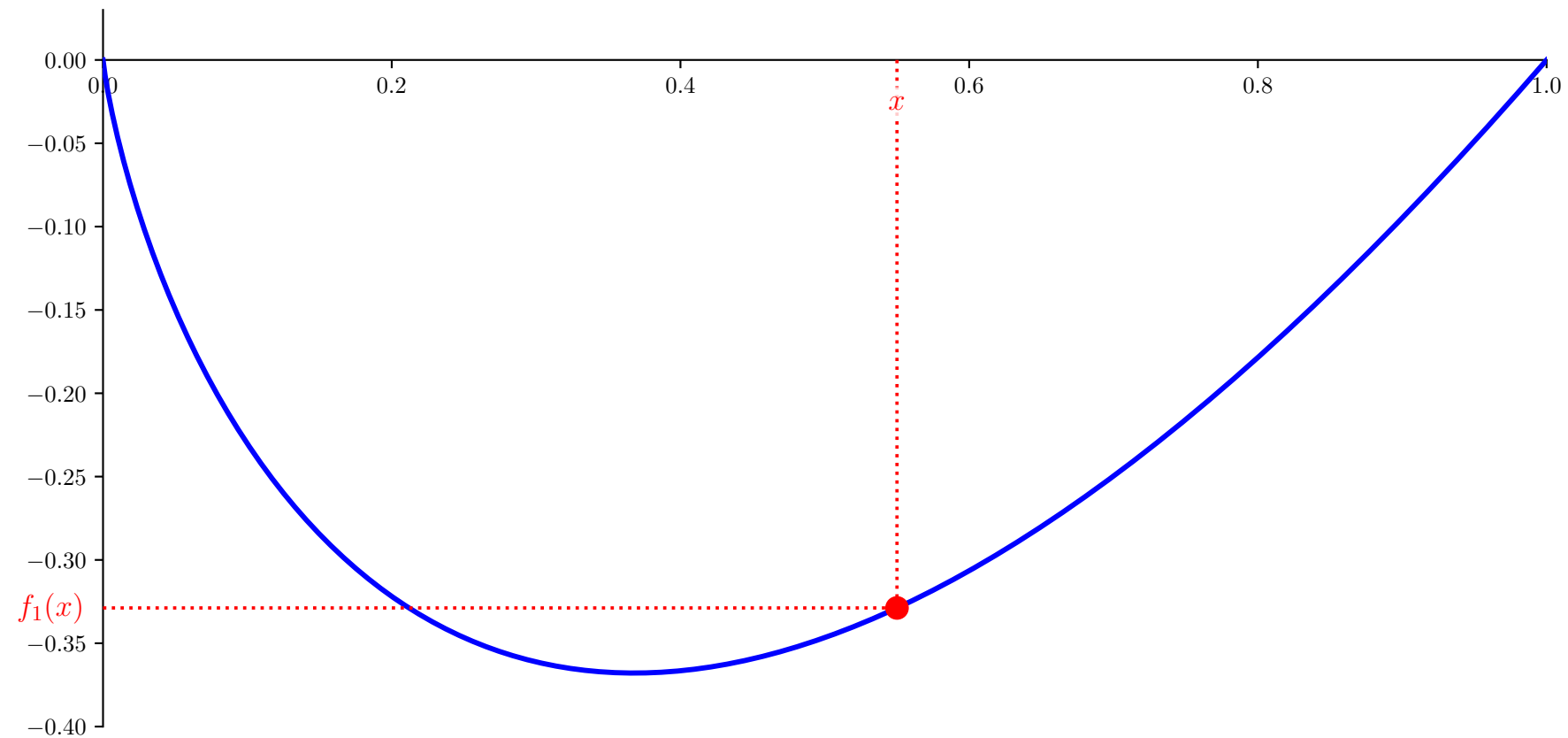


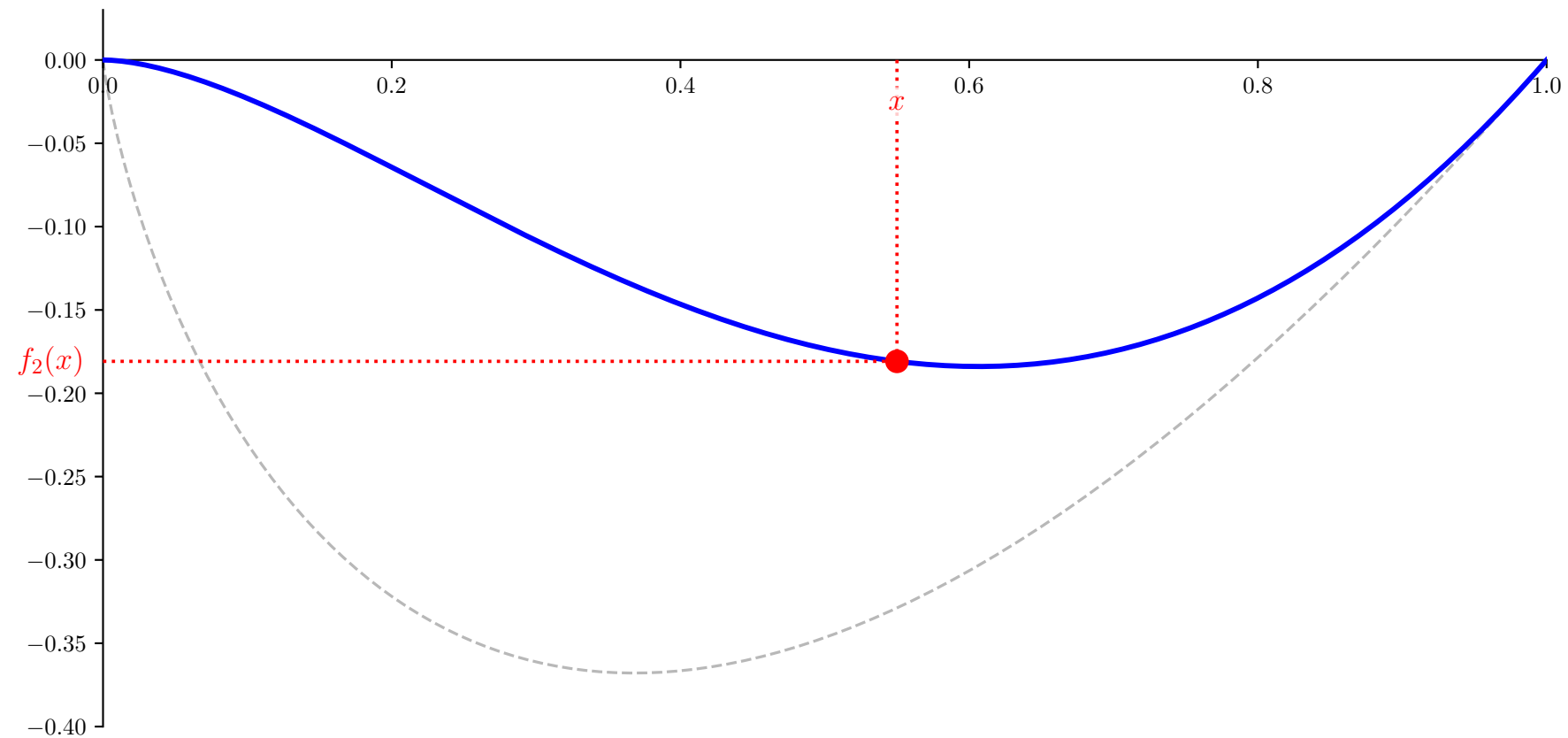
$$f_n(x) = x^n \ln(x), \quad n = 1$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f

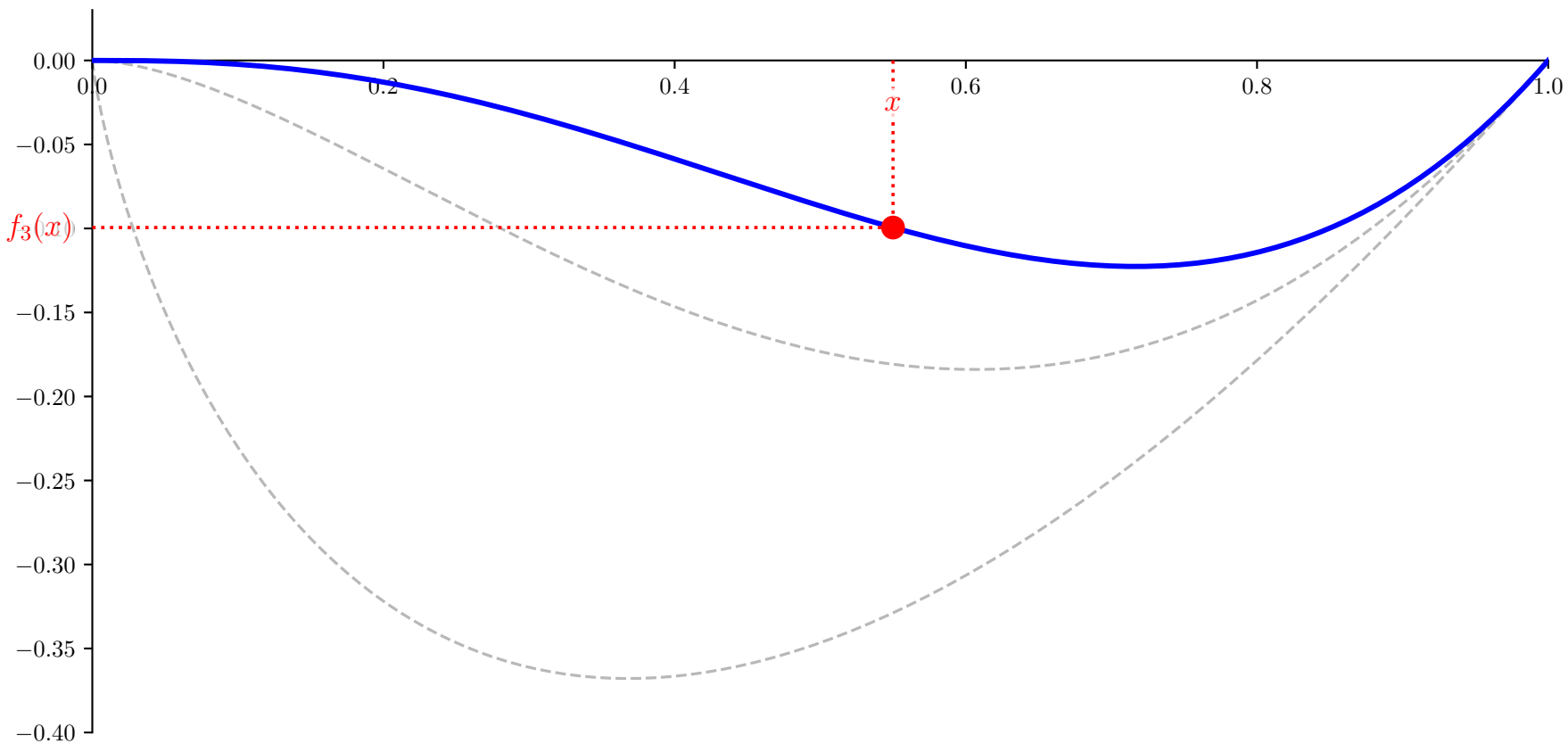
$$f_n(x) = x^n \ln(x), \quad n = 2$$



Convergence simple : x fixé

— courbe de f_n courante
 ● point $(x, f_n(x))$
 — limite f

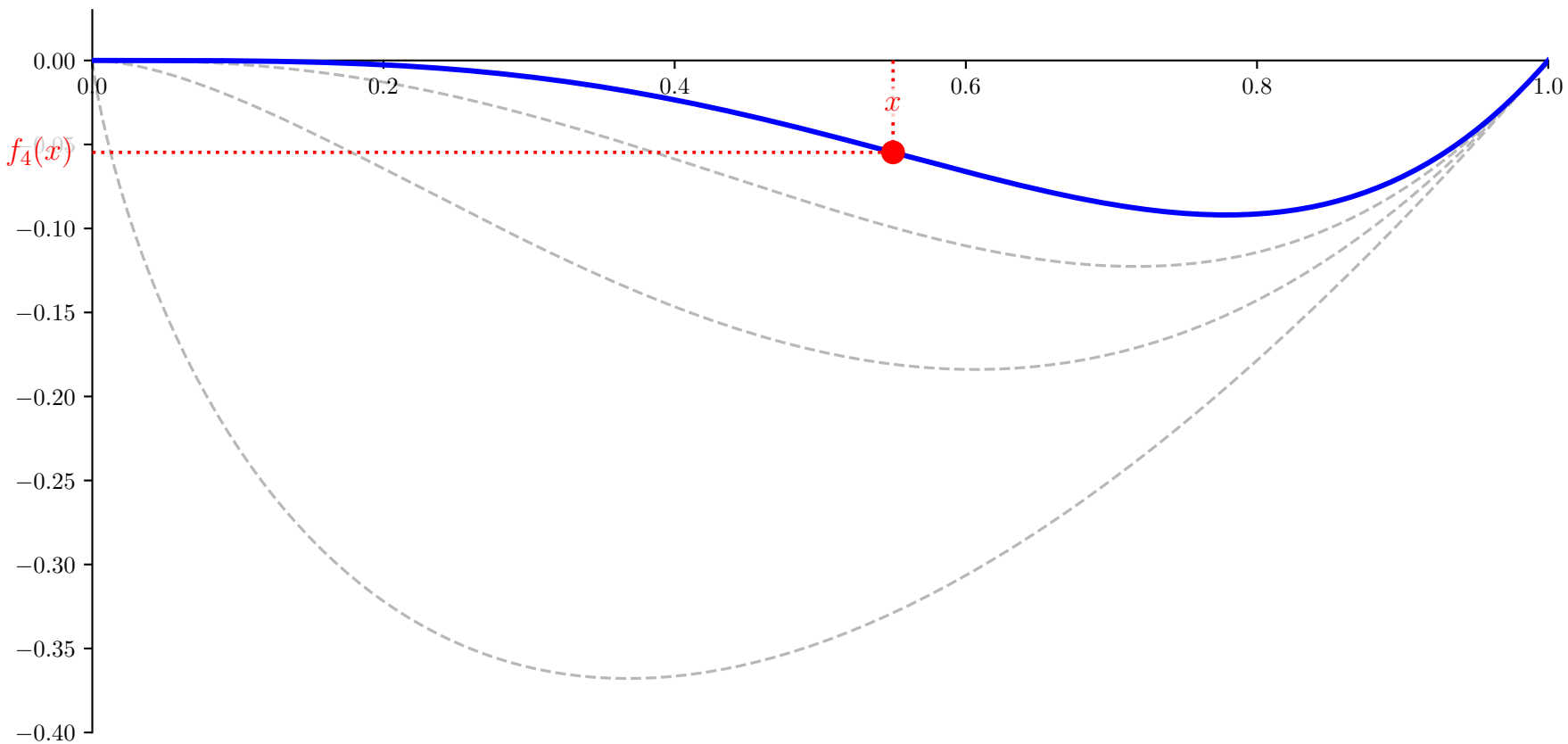
$$f_n(x) = x^n \ln(x), \quad n = 3$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f

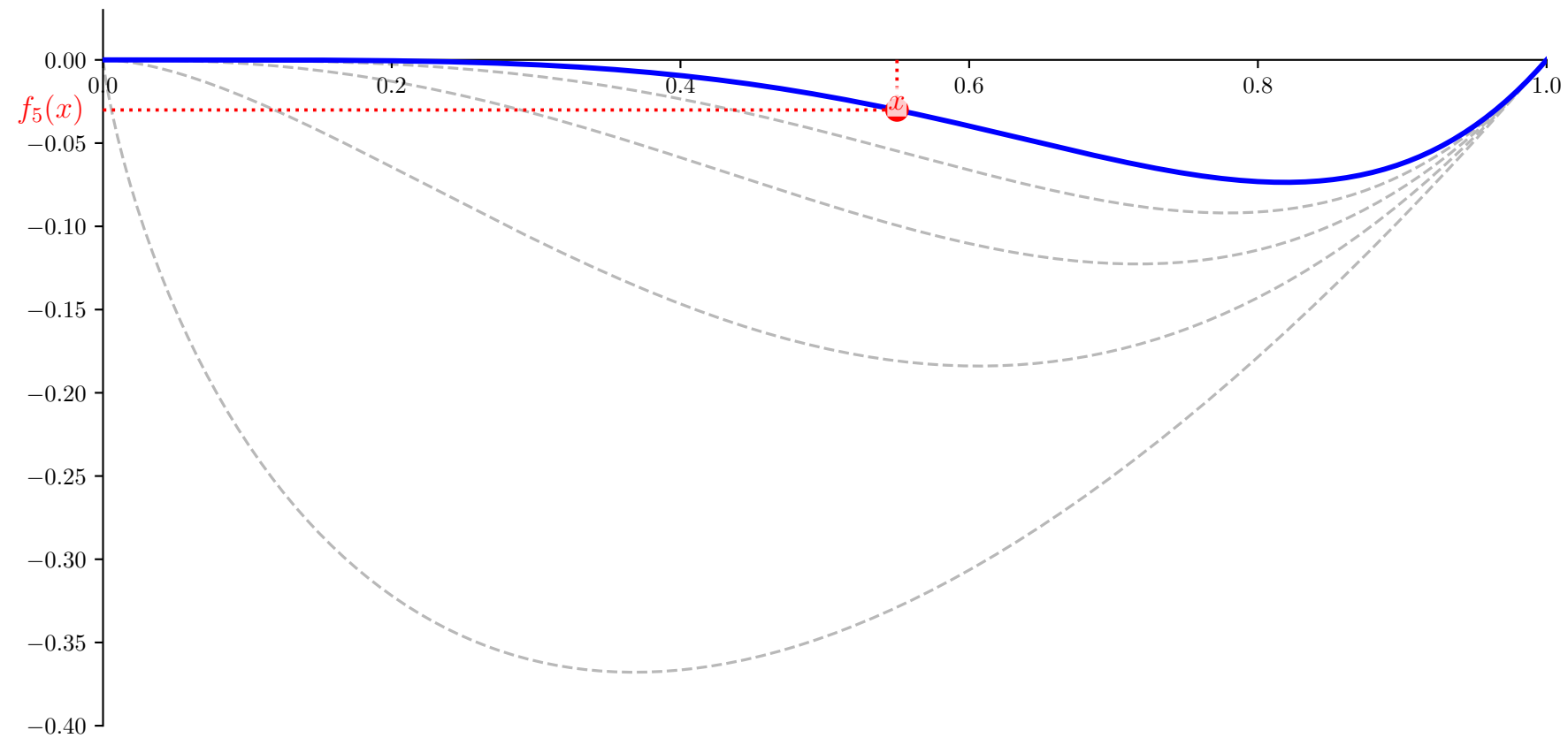
$$f_n(x) = x^n \ln(x), \quad n = 4$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f

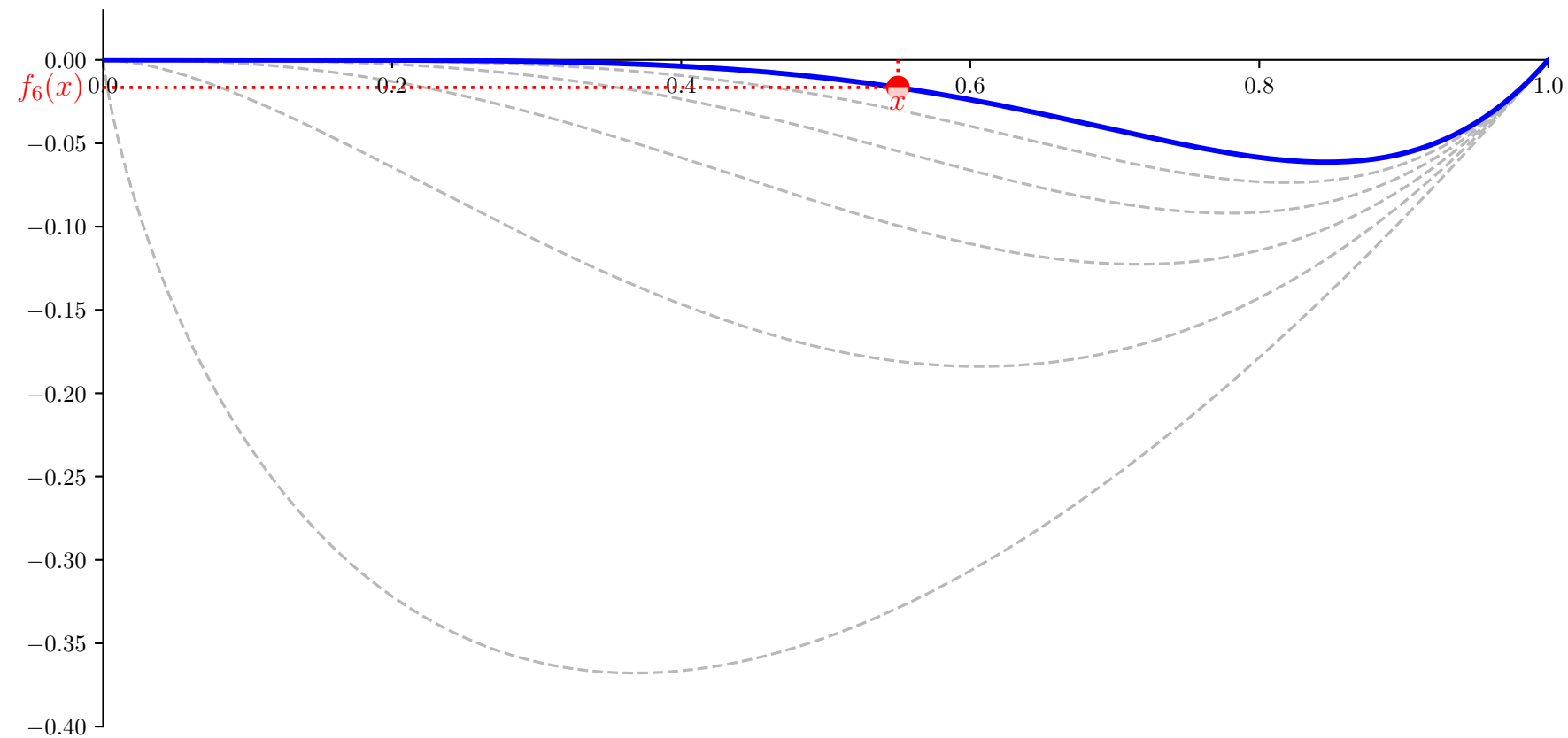
$$f_n(x) = x^n \ln(x), \quad n = 5$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f

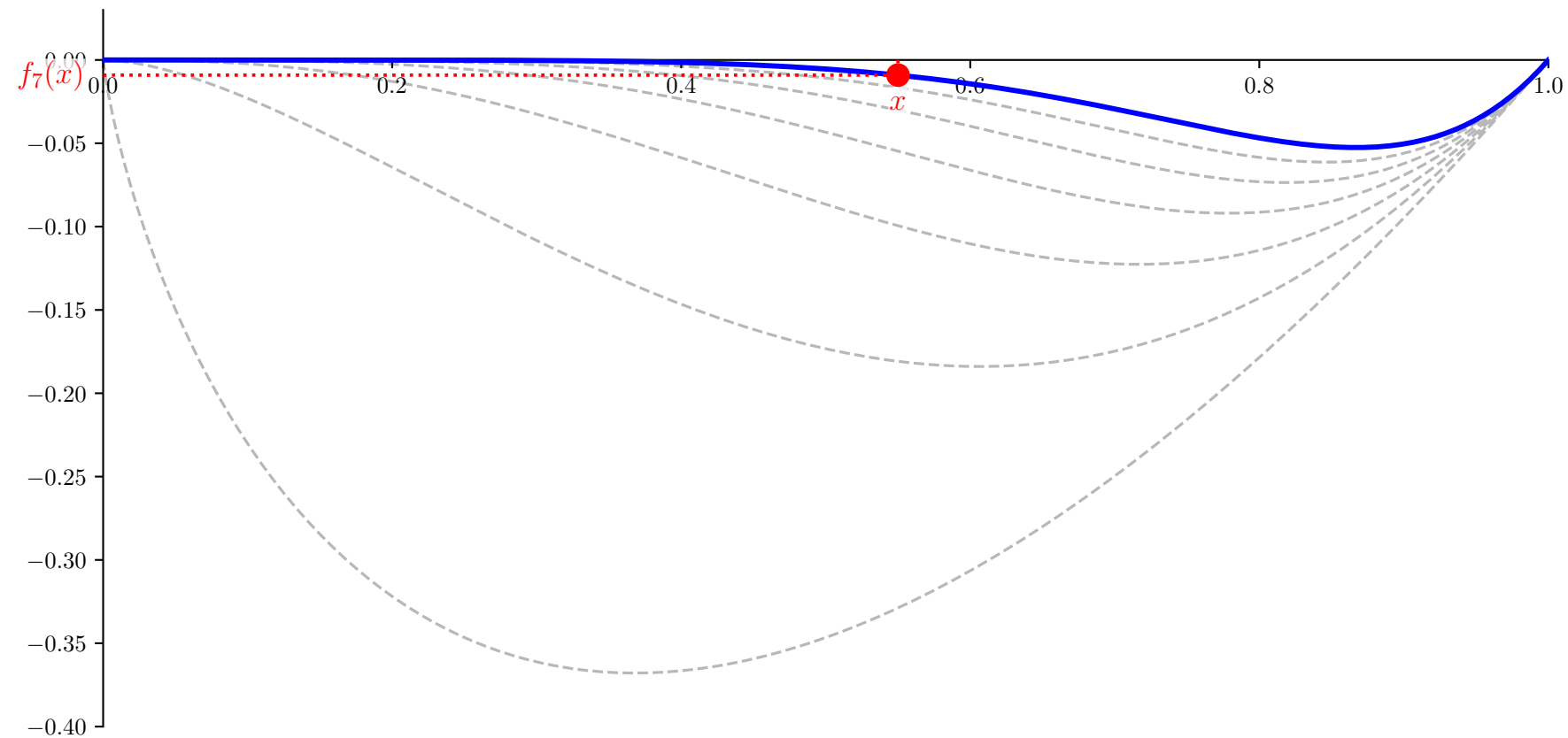
$$f_n(x) = x^n \ln(x), \quad n = 6$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f

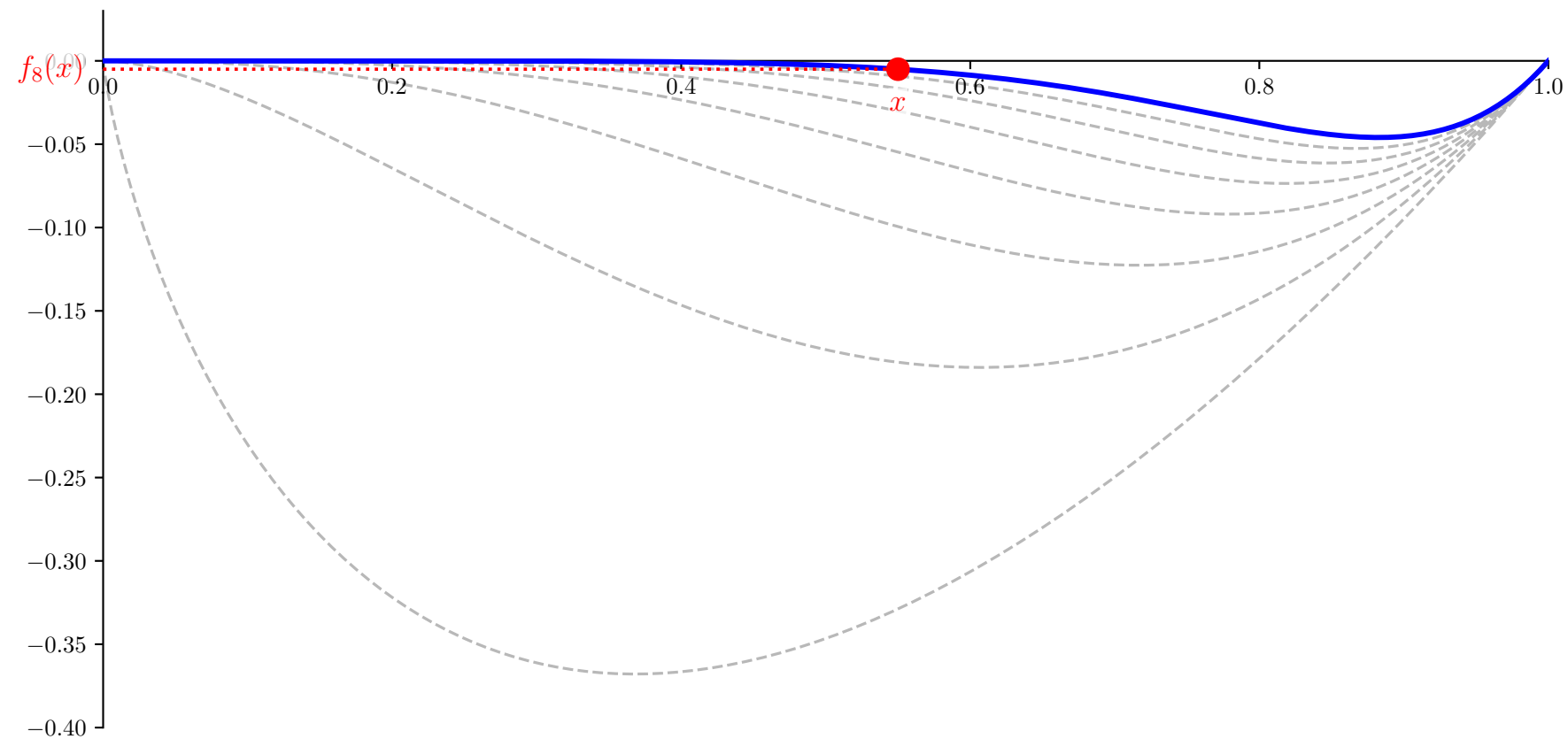
$$f_n(x) = x^n \ln(x), \quad n = 7$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f

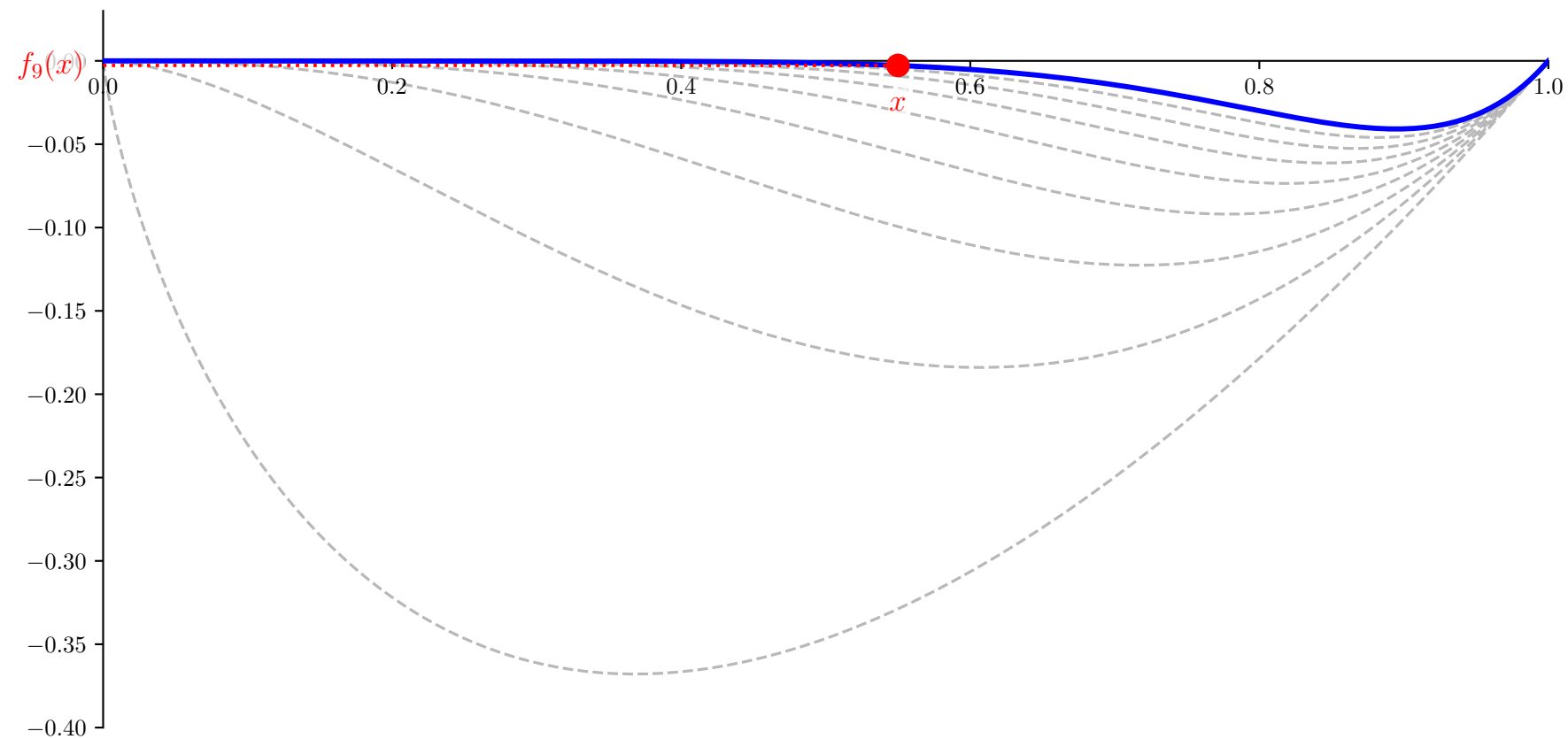
$$f_n(x) = x^n \ln(x), \quad n = 8$$



Convergence simple : x fixé

— courbe de f_n courante
 ● point $(x, f_n(x))$
 — limite f

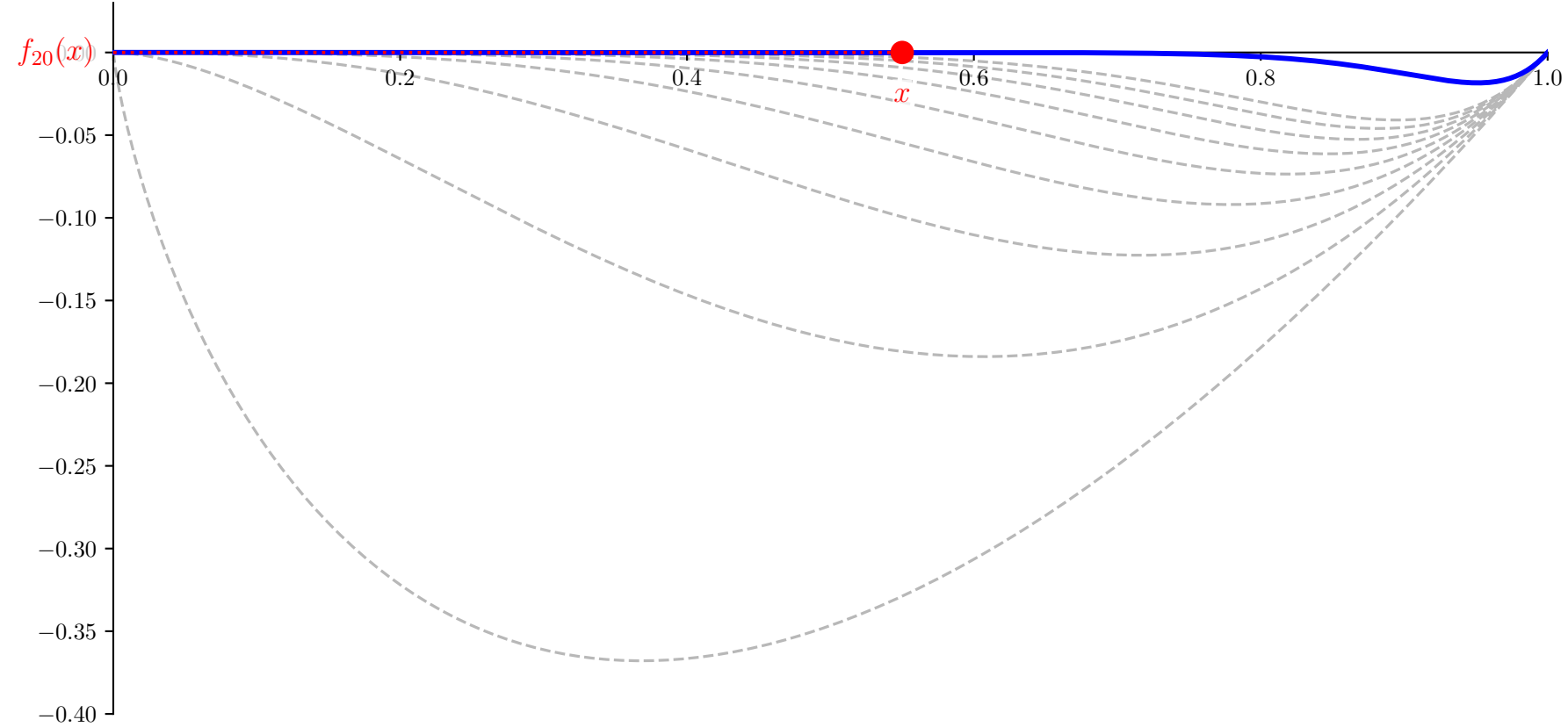
$$f_n(x) = x^n \ln(x), \quad n = 9$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f

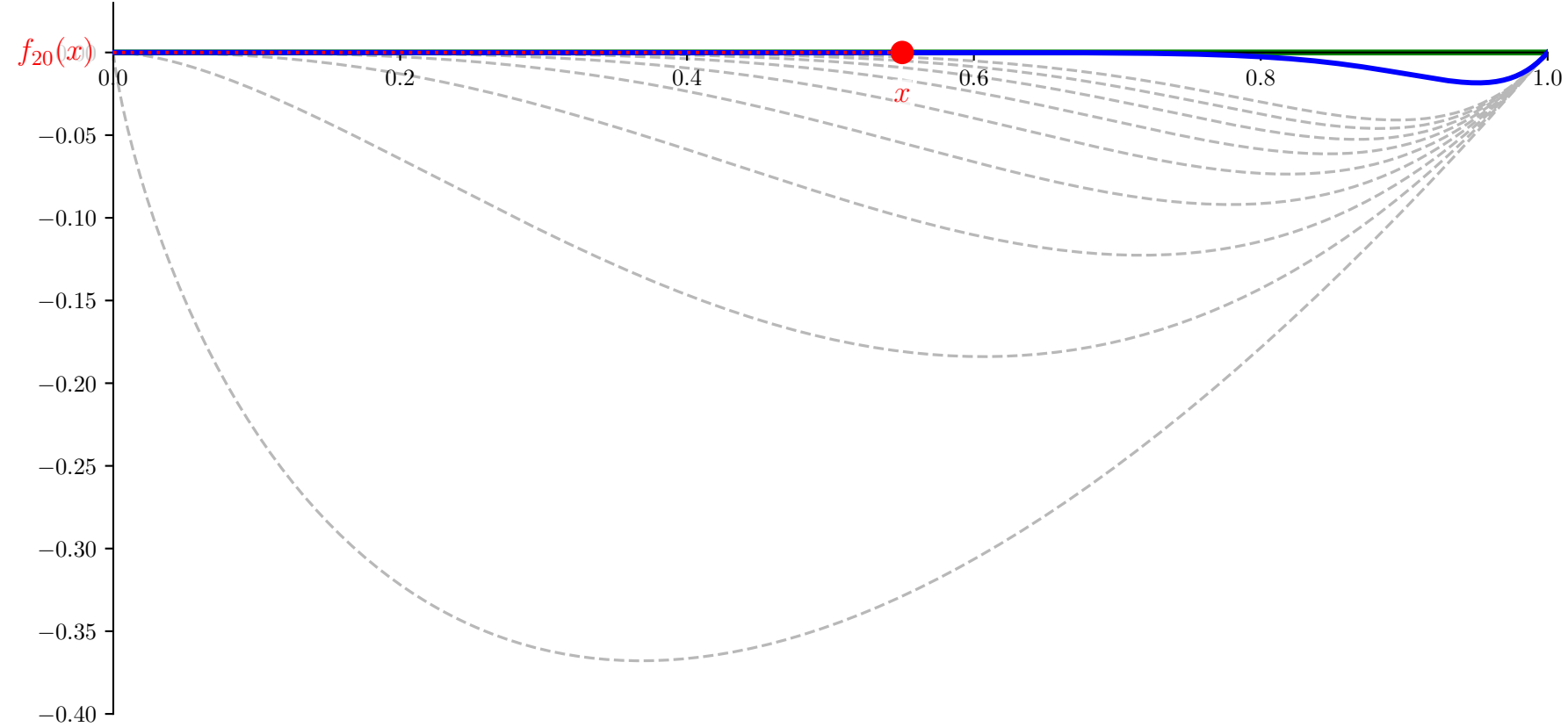
$$f_n(x) = x^n \ln(x), \quad n = 20$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f

$$f_n(x) = x^n \ln(x), \quad n = 20$$



Convergence simple : x fixé

— courbe de f_n courante ● point $(x, f_n(x))$ — limite f