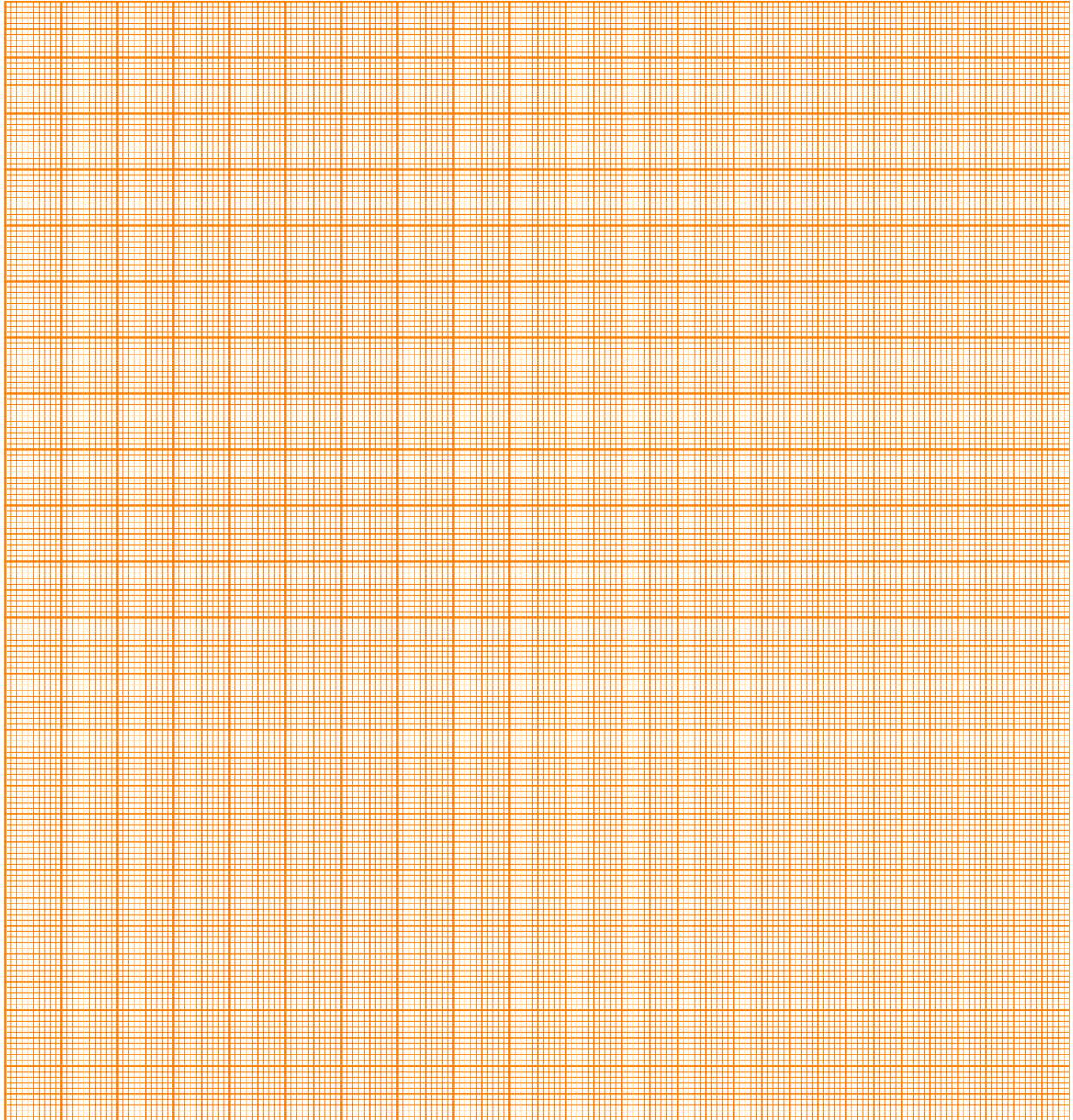


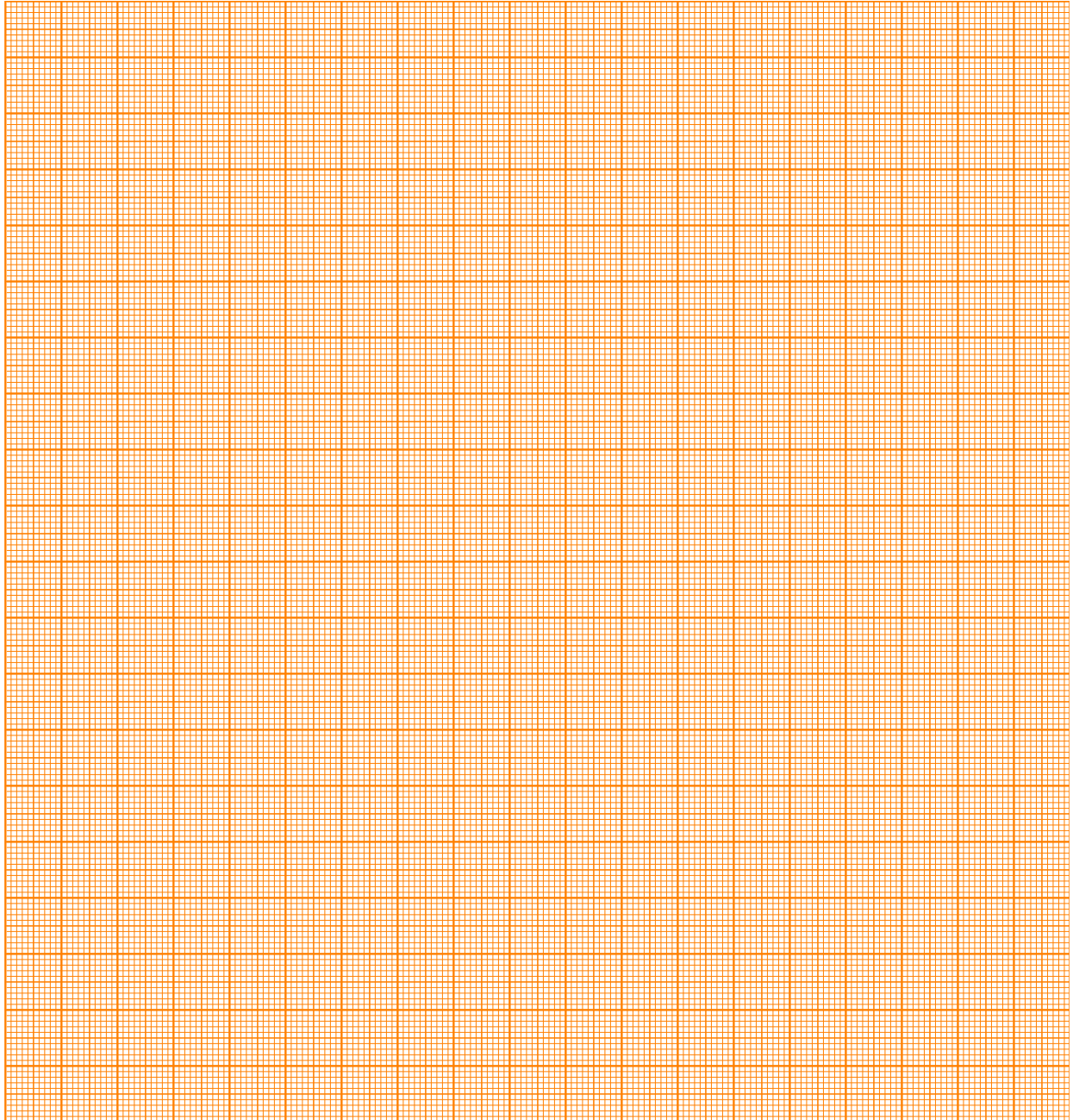


(1.1 pt) **A.2**  
 $A_D$  vs.  $N_1, N_2$  :**2.A Graph**





(1.0 pt) **B.3**  
 $A_D$  **Graph B.3:**  $A$  vs.



(0.8 pt) **B.4**  
Function  $A(A_D)$ :

متغيرات ( باراميترات ) المنحنى

(0.1 pt) **B.5**

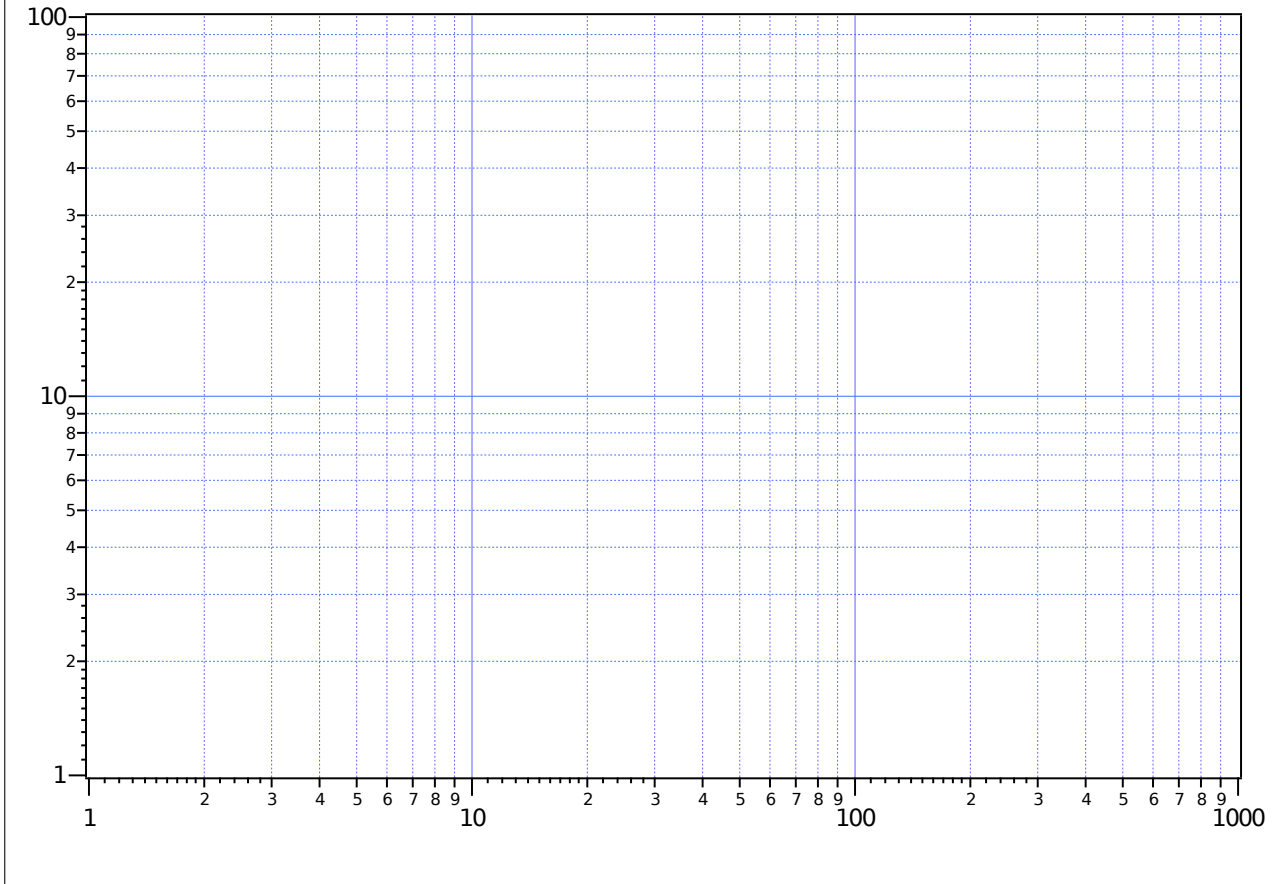
$A_{\text{crit.}} =$

الجزء C: الأس الحرج - 3.5 نقطة

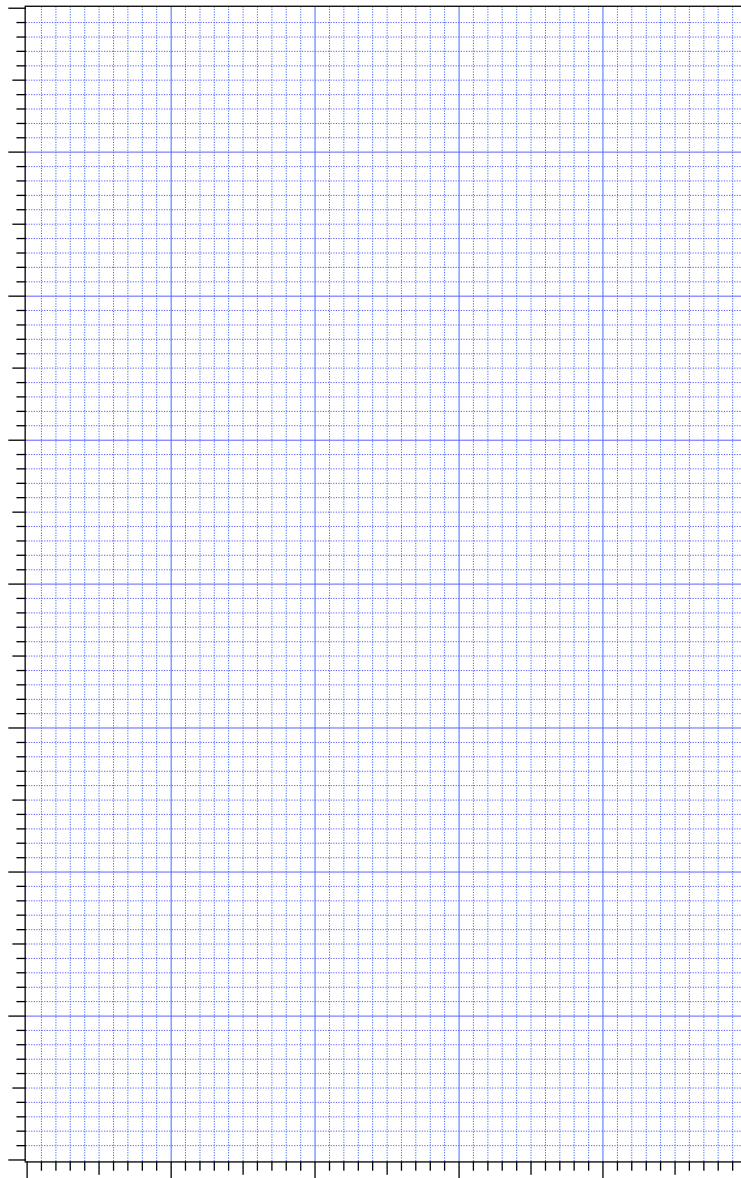
(1.1 pt) **C.1**


(1.0 pt) **C.2**  
Plot  $\frac{N_1 - N_2}{N_1 + N_2}$  vs.  $|A^2 - A_c^2|$  in either **Graph C.2a** or **Graph C.2b**.

Graph C.2a double logarithmic paper



paper linear C.2b Graph





(1.4 pt) **C.3**  
 $b =$

$\Delta b =$