Classroom Voting Questions: Calculus II

7.4 Partial Fraction Decomposition

1. In determining the partial fraction decomposition of \( \frac{x^2 + 1}{x^4 - 4x^3 - 32x^2} \), how many coefficients are there to solve for?

   (a) 1
   (b) 2
   (c) 3
   (d) 4
   (e) 5
   (f) 6