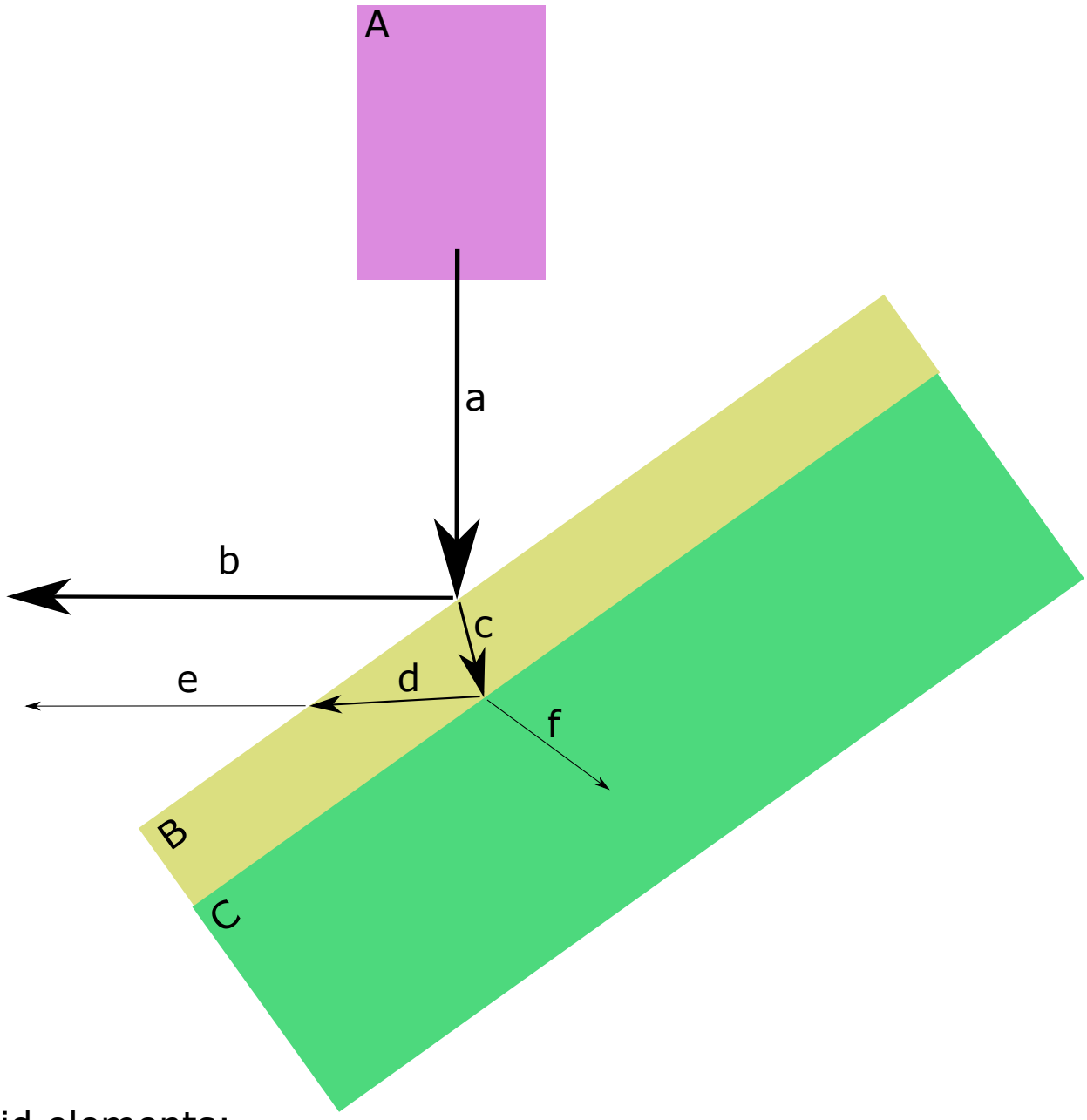

solid elements:
- A: transducer
- B: copper (high acoustic impedence)
- C: resin/glass-fiber composite (low acoustic impedence)

signals:
- a: produced by the transducer
- b: reflected at 45° towards the patient
- c: transmitted through the cooper/air interface
- d: reflected by the copper/composite interface
- e: transmitted through the copper/air interface
- f: transmitted through the copper/composite interface

Problem: determine the angle of vectors b, c, d, e, and f, and the attenuation in dB of the corresponding signals