

ABSTRACT

A preparation estimating method for fresh concrete according to one embodiment estimates preparation of fresh concrete containing water, cement, and aggregate. The preparation estimating method includes: a step of measuring electric conductivity of the fresh concrete; a step of estimating temperature of the fresh concrete; a step of measuring mass per unit volume of the fresh concrete; and a step of calculating a water amount of water contained in the fresh concrete, a cement amount of cement contained in the fresh concrete, and an aggregate amount of aggregate contained in the fresh concrete from the electric conductivity, the temperature, and the mass per unit volume.

Figure 11