

## Supplementary information

# Preparation of Graphene Oxide-Maghemite-Chitosan Composites for the Adsorption of Europium Ions from Aqueous Solutions

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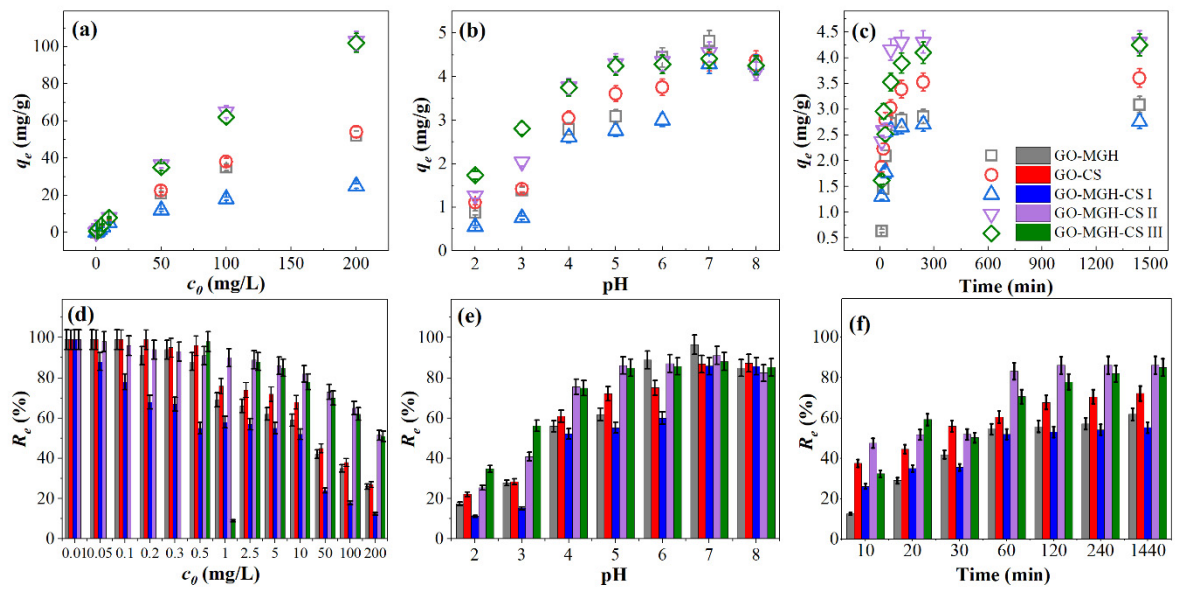
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**Figure S1.**



**Figure S1.** Adsorption capacities and efficiencies of the composites as a function of initial concentration (a, d), pH (b, e), and contact time (c, f).

Figure S2.

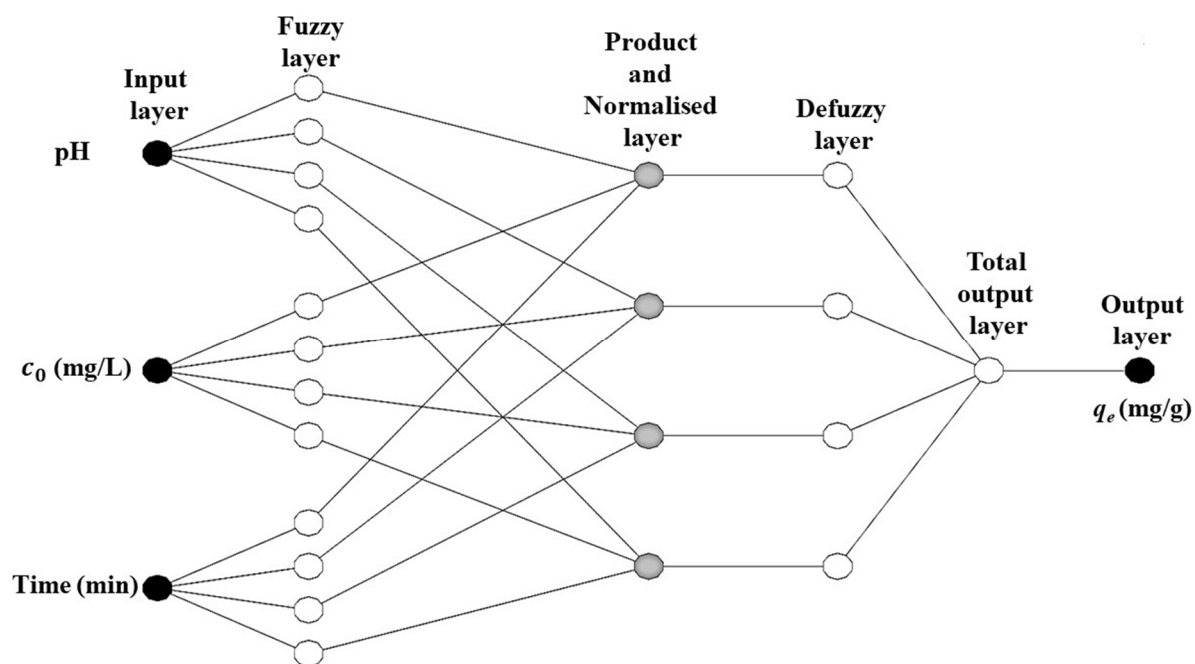


Figure S2. ANFIS architecture.

Figure S3.

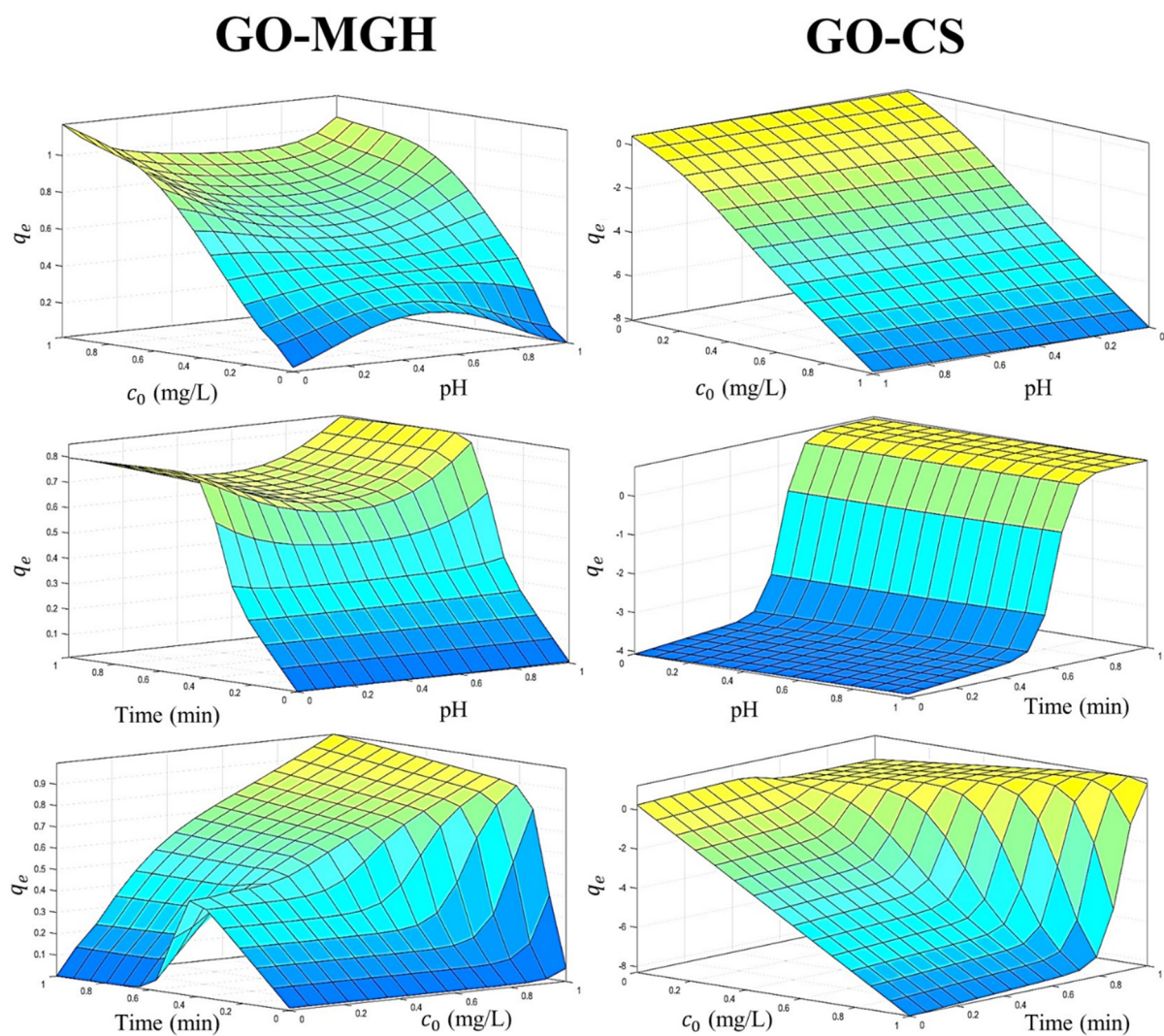
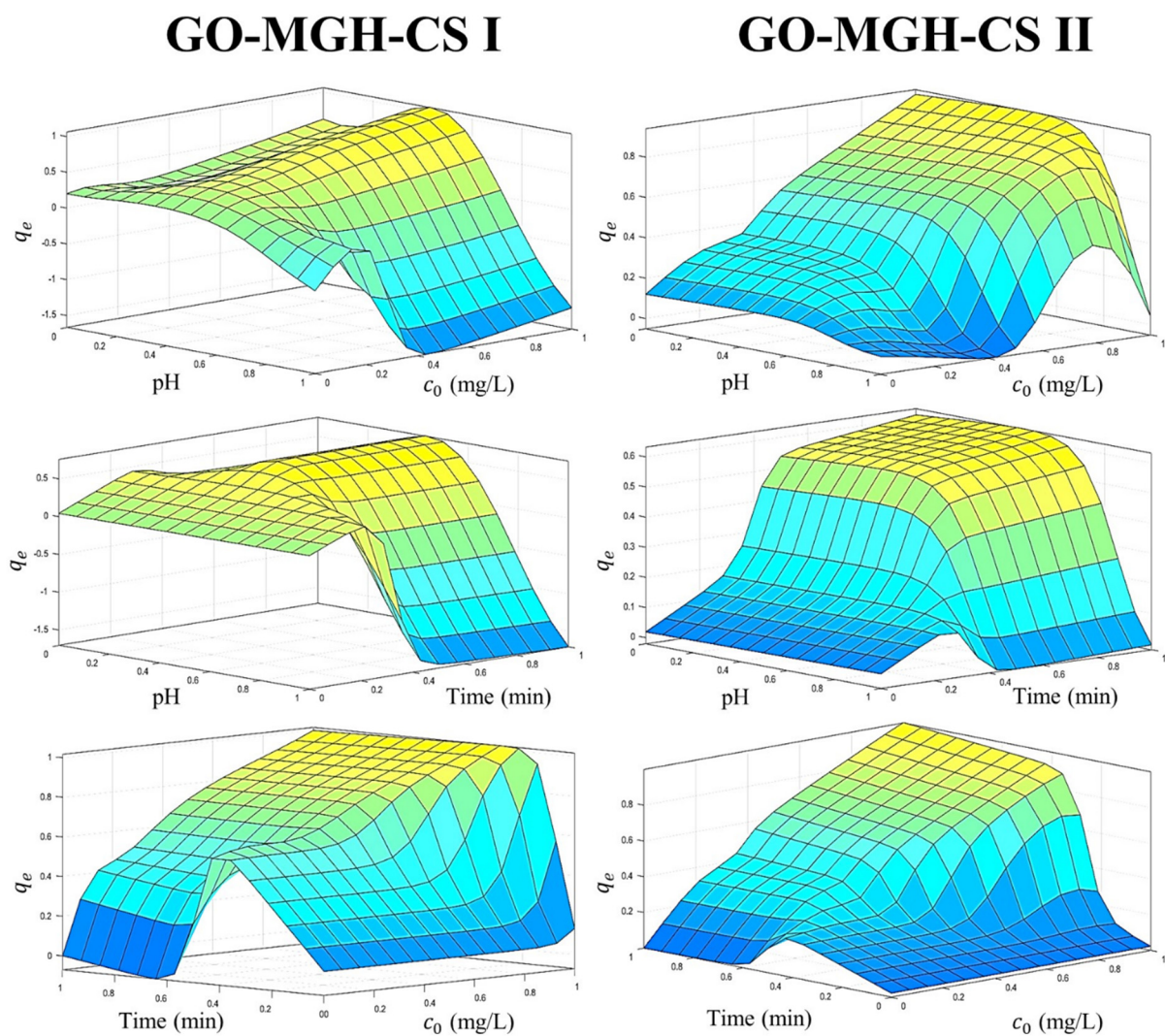


Figure S3. Input-output surfaces of the ANFIS model for the GO-MGH and GO-CS composites.

Figure S4.



**Figure S4.** Input-output surfaces of the ANFIS model for the GO-MGH-CS I and GO-MGH-CS II composites.

Figure S5.

## GO-MGH-CS III

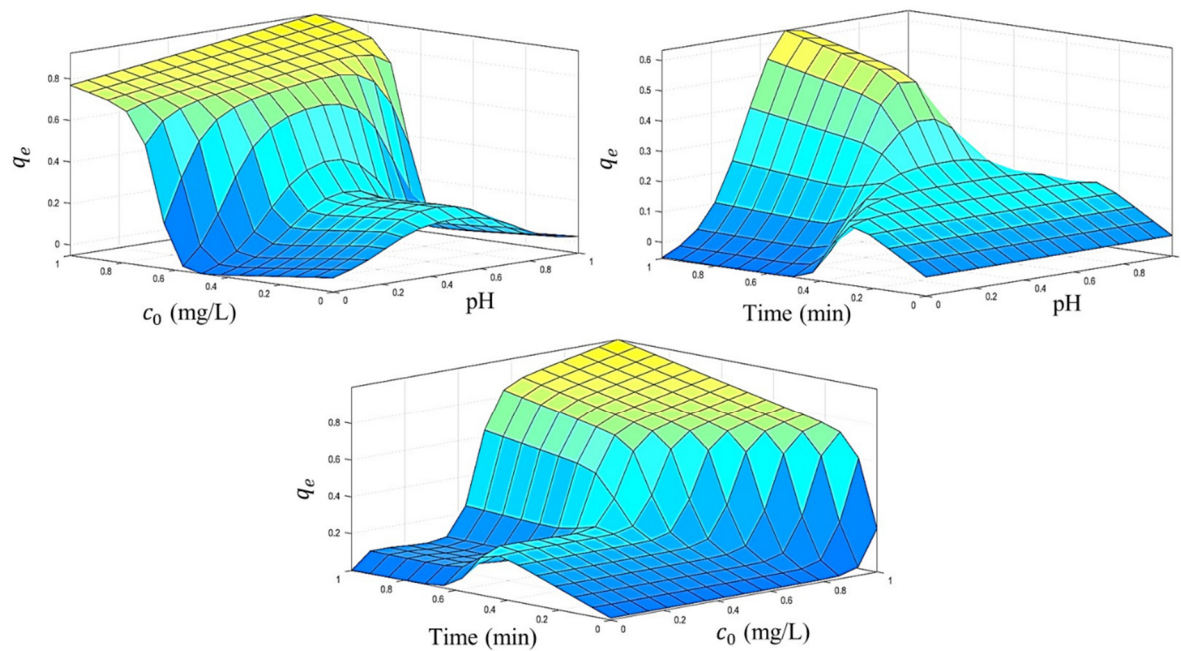


Figure S5. Input-output surfaces of the ANFIS model for the GO-MGH-CS III composite.