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Networks and linkages in nineteenth-century mathematics journals

CaaFÉ (Circulation des saviors et pratiques algébriques et arithmétiques (1870-1945): Sources et échanges: France, Europe, États-Unis) is a collaborative research project seeking to understand how knowledge of algebra and number theory circulated between Europe and the United States from 1870 to 1945. Our team is using the online collective database THAMOUS to create links between mathematical articles and monographs of the period. The project clarifies paths of circulation and linkages based on networks of references that mathematicians made at the time of their research. This talk will demonstrate the methodology using examples from late nineteenth-century American journals.