

THEREDA - Demonstration on How to Retrieve Data and Some Examples of Calculations Possible at Present

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Abstract

THEREDA is a thermodynamic reference database which is primarily (but not exclusively) developed for issues concerning the geological disposal of radioactive waste. Five research institutions joined forces to develop the database and contribute their specific expertise. The database is accessible online and free of charge. Recently, the first data were release to the public. These data allow calculating equilibria in aqueous systems of oceanic salts at high ionic strength and elevated temperature. The presentation will show results for selected systems. Further, it will be demonstrated how data can be retrieved from the database over the World Wide Web.