

« Simplifying equations in Arabic algebra ». *Historia Mathematica*, 34, 2007, p. 45-61.

**Benno van Dalen**

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- 1 The authors analyse in more detail and more systematically than any earlier scholars the use of the terms *jabr*, *muqābala*, and some others in the solutions of a large number of algebraical problems in a range of medieval mathematical texts. They find that the terms stand for the immediate goals of particular steps in the resolutions, rather than for specific operations, as has been thought before. They thus also find that the phrase *al-jabr wa'l-muqābala*, which became to stand for the whole field of algebra, originally meant “restoration and/or confrontation”.
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### INDEX

**Thèmes** : 10. Histoire des Sciences et des Techniques

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