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Risk Models for Trust-Based Access Control(TBAC)

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(iTTrust 2005)

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3. Knight, F.H.: Risk, Uncertainty, and Profit. Library of economics and liberty, Hart, Schaffner & Marx edn., September 8. Houghton Mifflin Company, Boston (1921)

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4. Hirshleifer, J., Riley, J.G.: The analytics of uncertainty and information. In: Cambridge surveys of economic literature. Cambridge University Press, Cambridge (1992)

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9. Savage, L.J.: The foundations of statistics, 2nd edn. Dover, New York (1972)

[MATH](#) [Google Scholar](#)

10. Carbone, M., Dimmock, N., Krukow, K., Nielsen, M.: Revised computational trust model. EU IST-FET Project Deliverable (2004)

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11. Dimmock, N., Maddison, I.: Peer-to-peer collaborative spam detection. ACM Crossroads 11 (2004)

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16. Jøsang, A., Presti, S.L.: Analysing the relationship between trust and risk. In: Jensen, C., Poslad, S., Dimitrakos, T. (eds.) iTrust 2004. LNCS, vol. 2995, pp. 135–145. Springer, Heidelberg (2004)

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Dimmock, N., Bacon, J., Ingram, D., Moody, K. (2005). Risk Models for Trust-Based Access Control(TBAC). In: Herrmann, P., Issarny, V., Shiu, S. (eds) Trust Management. iTrust 2005. Lecture Notes in Computer Science, vol 3477. Springer, Berlin, Heidelberg. https://doi.org/10.1007/11429760_25

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DOI	Publisher Name	Print ISBN
https://doi.org/10.1007/11429760_25	Springer, Berlin, Heidelberg	978-3-540-26042-4

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