

Publications

Thomas Ehrhard
IRIF UMR 8243
CNRS et Université de Paris

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Les références ci-dessous se rapportent à la bibliographie située à la fin de ce rapport. Mes articles récents sont pour la plupart accessibles à partir de ma page web :

<http://www.irif.fr/~ehrhards/>

Articles parus dans des revues internationales à comité de lecture

- 1 – [Ehr93] Thomas Ehrhard. Hypercoherences: a strongly stable model of linear logic. *Mathematical Structures in Computer Science*, 3:365–385, 1993,
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- 5 – [Ehr99] Thomas Ehrhard. A relative definability result for strongly stable functions and some corollaries. *Information and Computation*, 152:111–137, 1999,
- 6 – [Ehr00] Thomas Ehrhard. Parallel and serial hypercoherences. *Theoretical Computer Science*, 247:39–81, 2000,
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- 8 – [BE01] Antonio Bucciarelli and Thomas Ehrhard. On phase semantics and denotational semantics: the exponentials. *Annals of Pure and Applied Logic*, 109(3):205–241, 2001,
- 9 – [Ehr04] Thomas Ehrhard. A completeness theorem for symmetric product phase spaces. *Journal of Symbolic Logic*, 69(2):340–370, 2004,
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- 11 – [Ehr02] Thomas Ehrhard. On Köthe sequence spaces and linear logic. *Mathematical Structures in Computer Science*, 12:579–623, 2002,
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- 13 – [ER06b] Thomas Ehrhard and Laurent Regnier. Differential interaction nets. *Theoretical Computer Science*, 364(2):166–195, 2006,
- 14 – [ER08] Thomas Ehrhard and Laurent Regnier. Uniformity and the Taylor expansion of ordinary lambda-terms. *Theoretical Computer Science*, 403(2-3):347–372, 2008.
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- 16 – [EL10a] Thomas Ehrhard and Olivier Laurent. Acyclic Solos and Differential Interaction Nets. *Logical Methods in Computer Science*, 6(3), 2010,
- 17 – [DE11] Vincent Danos and Thomas Ehrhard. Probabilistic coherence spaces as a model of higher-order probabilistic computation. *Information and Computation*, 152(1):111–137, 2011,

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- 19 – [Ehr12b] Thomas Ehrhard. The Scott model of Linear Logic is the extensional collapse of its relational model. *Theoretical Computer Science*, 424:20–45, 2012,
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- 29 – [Ehr22a] Thomas Ehrhard. A coherent differential PCF. *CoRR*, abs/2205.04109, 2022. Submitted for publication.

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- 1 – [CE87] Thierry Coquand and Thomas Ehrhard. An equational presentation of higher order logic. In *Proceedings of Category Theory in Computer Science 1987*, number 283 in Lecture Notes in Computer Science. Springer-Verlag, 1987,
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- 36 – [\[EJ21\]](#) Thomas Ehrhard and Farzad Jafar-Rahmani. Categorical models of linear logic with fixed points of formulas. In *36th Annual ACM/IEEE Symposium on Logic in Computer Science, LICS 2021, Rome, Italy, June 29 - July 2, 2021*, pages 1–13. IEEE, 2021.

Article publié sans nouvelle évaluation par un comité de lecture

1 – [Ehr95] Thomas Ehrhard. Hypercoherences: a strongly stable model of linear logic. In Jean-Yves Girard, Yves Lafont, and Laurent Regnier, editors, *Advances in Linear Logic*, volume 222 of *London Mathematical Society Lecture Notes Series*, pages 83–108. Cambridge University Press, 1995, qui est paru précédemment dans un journal avec comité de lecture ([Ehr93]).

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