

- ▶ JOSÉ M. MÉNDEZ, GEMMA ROBLES, FRANCISCO SALTO, *Falsity constants for two independent families of quasi-Boolean logics*.

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In [1], two families of quasi-Boolean logics are defined. One of them is intuitionistic in character; the other one, dual intuitionistic in nature. Both families are determined by a Routley-Meyer ternary relational semantics, negation being interpreted by the “Routley operator” or “Routley star”. The aim of this paper is to reconsider the two aforementioned families from the point of view of the same semantics except that now negation will be interpreted by means of two different types of falsity constants following the techniques and strategies discussed in [2]. We will compare the results obtained with those recorded in [1].

[1] J. M. MÉNDEZ, G. ROBLES, F. SALTO, *Basic quasi-Boolean extensions of relevant logics* (abstract), *Bulletin of Symbolic Logic*, (Forthcoming). Contributed talk presented at the ASL European Summer Meeting (Logic Colloquium 2018), Udine, Italy, 23-28 July, 2018.

[2] G. ROBLES, J. M. MÉNDEZ, *Routley-Meyer ternary relational semantics for intuitionistic-type negations*, ISBN: 9780081007518, Elsevier, 2018.

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