

Refutation of X-homology over manifolds in topology

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We assume the method and apparatus of Meth8/VL4 with Tautology as the designated *proof* value, **F** as contradiction, **N** as truthity (non-contingency), and **C** as falsity (contingency). Results are a 16-valued truth table in row-major and horizontal, or repeating fragments of 128-tables for more variables.

LET p, q, r, s: α , d, X, s; + Or; & And, \wedge ; = Equivalent; @ Not Equivalent; (s@s) zero, 0.

From: Balan, A. (2018). The X-cohomology. vixra.org/pdf/1810.0075v1.pdf [no email proffered]

$$\text{Demonstration 1 } \textit{Indeed:} \quad d(d\alpha + X\wedge\alpha) + X\wedge(d\alpha + X\wedge\alpha) = 0 \quad (1.1)$$

$$((q\&((q\&p)+(r\&q)))+(r\&((q\&p)+(r\&p))))=(s@s); \text{TTTF TFFF TTTF TFFF} \quad (1.2)$$

Eq.1.2 as rendered is not tautologous, hence refuting the X-homology over manifolds in topology.