Encounter, synthesis, immersion and construction: information and the gaining of understanding

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References

Ryan Smyth’s discussion of the problem of knowing what understanding is can be found in:
- Ryan Smith, R. Explanation, understanding and control, *Synthese*, 2014, 191(17), 4169-4200

The point that understanding is bound up with an ability to explain is in:

The quotation from Winograd and Flores comes from:

The original formulation of the DIKW hierarchy, including understanding is in:

The Floridi quote comes from:

Kvanvig’s idea of knowledge is set out in:

and de Ridder’s in:

David Deutsch’s ideas on understanding are expressed in two popular books:

Deutsch’s ‘constructor theory’ is set out in reasonably accessible terms in:

and a short account is given in:

Don Swanson’s literature discovery work is reviewed and updated in:

The two systems exemplified are described in:

The Informational Balance model is in:

Paul Gilster’s book is:

A selection of qualitative synthesis methods are covered in:

Immersive documents are described in: