

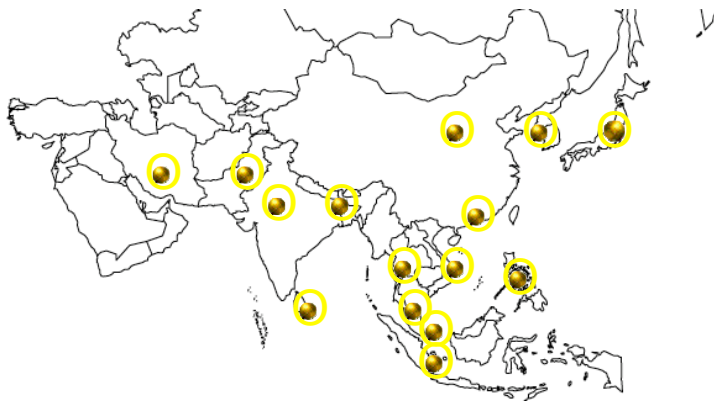
Asia-specific Scaffolding Needs in Grounded Design e-Learning : empirical comparisons among several institutions

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**The Use of e-Learning Technologies
was surveyed
in 15 Regions across Asia**



Uses of e-Learning Technologies

synchronous or asynchronous
cooperative or collaborative

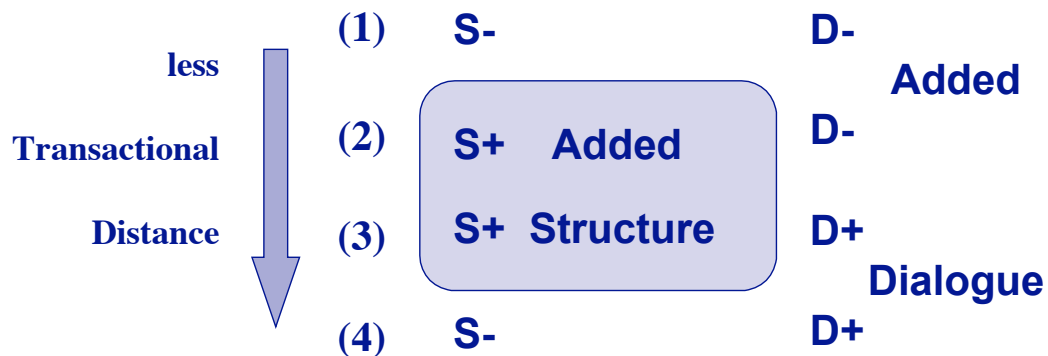
with or without Structure
with or without Dialogue

Structure and Dialogue as defined by Moore 's (1993)

Theory of Transactional Distance

In D Keegan (Ed.), *Theoretical Principles of Distance Education* (pp. 22-38). London : Routledge.

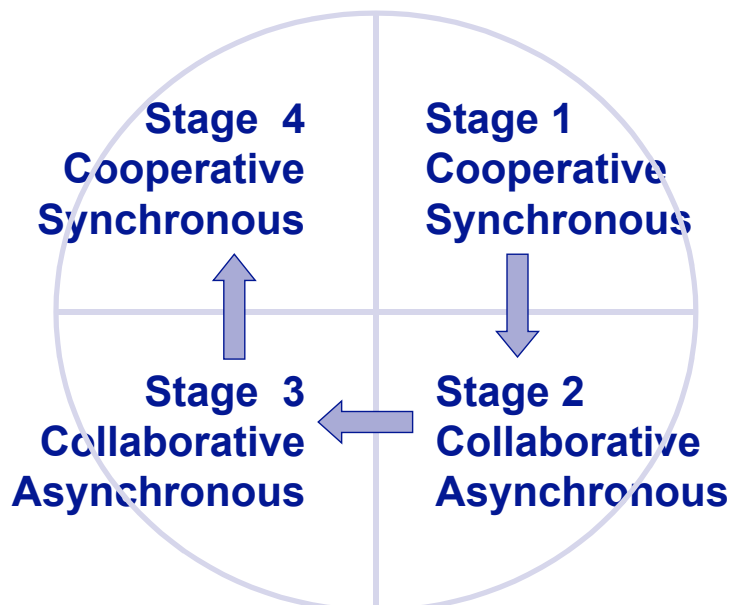
The Theory of Transactional Distance




Four-Stage Course for Learning Critical Thinking Skills

STAGE	CHARACTERISTICS
1 :	Self-introduction, share prior experience and knowledge, brainstorming
2 :	Theorize, develop metaphor, creative and lateral thinking
3 :	Guided exploration of alternative theories, hypotheses testing, vertical thinking
4 :	Test out a new way, experiential, widen repertoire, make public or practical the theory chosen from Stage 3

Group Learning Mode, and Media Choice






**In Asia,
institutions, teachers, the students, and the employers
have all asserted that they would like less theory and
less Structure, and instead more Dialogue
- to make the learning more fitting to their purpose**

in practice, this means moving

Stage 1 »»» Stage 4

**and omitting Stage 2 and Stage 3 which focus on
theory, questioning the text / teacher, and alternatives.**



**It is well known that students find
the asynchronous collaborative learning in a group
difficult to navigate.
Some scaffolding support can be introduced.
This should be Added Structure.**

The Added Structure for Stage 2 and Stage 3

By the course / institution	By the online tutor
Setting a collaborative task such as students designing a multimedia learning unit	Purposively initiating the intrinsic motivations to learn in each student

In conclusion,

the uses of e-learning technologies in Open and Distance Education in Asia are different from those in the West





Thank you

for further details, please

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