

## المركز القومي للبحوث التربويسة والتنمية

## شعبتى بخوث تطويس المناهج

. .

1.

1.

/

•

•

•

. : --

---

. . -

--

<del>-</del>

-----: • : . ( – – )

:

. :

-: -

-----

--

; ----

(Pepin) ( )( **Department of Education. National Center for Education Statistics** 

( ) (

Broad foot, P and others Quality of Educational Systems Trans-nationality (QUEST) :( ) Kaiser, G ( )

( )

( )

:( )

Huang, R.J. and Leung, F.K.S. ( )

: ( ) Murdock,	John	(	)		
·					
	( ) (			)	
Marin Ruddock, Grham; Sainsbury	,				
	•	:			•
	processi	ng			

less demanding

more

demanding

transformational visualization

geometry

:

less

. demanding

·

·

· ( )( )

.

() ( ) Patterns -

: -

To keep track

		embedded
	. Incremental	
	Hands-On	
п	п	
п	u 	п п
	discussion under control	
	· :	
		-
(		-
	near hand .	-
	·	-

Transnational approach

## Third International Mathematics and science study (TIMSS) (IEA)

The International Association for the Evolution of Educational Achievement.

(1)

. . - - : .( ) .

-·

