

# دانش و بینش

درباره

تئوری سیستم‌ها، سمیوتیک، سیبرنتیک،

هوریستیک

و

ارزش فلسفی و اسلوبی آنها

احسان طبری



انتشارات حزب توده ایران  
به مناسبت شصتمین سالگرد تأسیس حزب



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## فهرست مطالب

درآمد: افق‌های نو در دانش

فصل اول : درباره سیستم و برخورد سیستمی

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فصل دوم : تئوری سیستم‌ها و اصول دیالکتیک

فصل سوم: شمه‌ای درباره نشانه‌شناسی یا سمیوتیک

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فصل چهارم: درباره سیبرنتیک (یا دانش گردانش)

فصل پنجم: درباره اسلوب هوریستیک و برخی مسائل تئوری احتمالات

نتیجه

پی‌افزود 1 :

پی‌افزود 2 :

درآمد:

## افق‌هایی نو در دانش

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"Popularisation"

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"Vulgariation"

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( ) Vulgus ( ) "Populus"

درباره سیستم و برخورد سیستمی (G S T)<sup>4</sup>

1- طرح مسئله

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"General System Theory"

"GST"<sup>4</sup>

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(1981) " " 5

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<sup>5</sup>L. Von Bertalanffy, W. R. Ashby, K. Baulding, C. Waddington, K. E. Fagen.  
(GST) " " 1940

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2- دربارۀ « سیستم »

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(Interaction

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(Holistique) <sup>7</sup>

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(China Box)

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" Éléментарism"( )"

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(Simulation)

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 (Classification)  
 (Linne) .  
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 (Mathematisation)



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1895 (Transfiniste) "

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"Homomorphe"

"Isomorphe" <sup>9</sup>

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(S.C.Kleene)

(Relation

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(Communicatif

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3- دربارهٔ برخورد سیستمی

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(Integratif)

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<sup>12</sup> (Rückkupplung

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پویائی سیستم

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(General System SGT) "

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Behaviour

Attitude

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(Function)

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(Equipfinalité

Steady State )

(Beschaffenheit )  
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(Fließgleichgewicht

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برخی نتیجه گیریها

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(Liebscher) (Laitko  
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Systems " 1977 " " ( -  
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## تئوری سیستمها و اصول دیالکتیک

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<sup>14</sup>Georg Klaus

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(Attributif)

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(Construction)

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## شمه‌ای دربارهٔ نشانه‌شناسی یا سمیوتیک

مدخل

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(Robots) ( )

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(Signalisation)

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(Zoosémiotique

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(Communicatif)

(Semeion) "

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(Expression Faciale )

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"Zeichen" ) (Signal) ("3Hak" (Tactile) (Kinésique)  
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 Signal) (Signe) " " " " ( )  
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1- سینکٹاکٹیک (یا سن تاکٹیک: نحو یا علم ترکیب علامات)

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2-سمانتیک

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(Paradoxe)

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دربارهٔ سیبرنتیک (یا دانش‌گرایی)<sup>22</sup>

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Norbert Wiener

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<sup>23</sup>Dr. H. Liebscher

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(Cybernetics or Control and Communication in "  
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(Konflikt Situationen )"

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(F. Hausdorff) "

(H. Weyl)

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(Homeostatische) " 29

"Fließgleichgewicht"

"steady state"

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<sup>30</sup>(Feed-back)

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## دربارهٔ اسلوب هوریستیک و برخی مسائل تئوری احتمالات

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پی‌اف‌زد 1

نتیجه‌گیری‌های عمومی فلسفی  
در مبحث وجود، جنبش و تکامل،  
شناخت و عمل تاریخی

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**14 مرداد 1360**

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18 مرداد 1360