

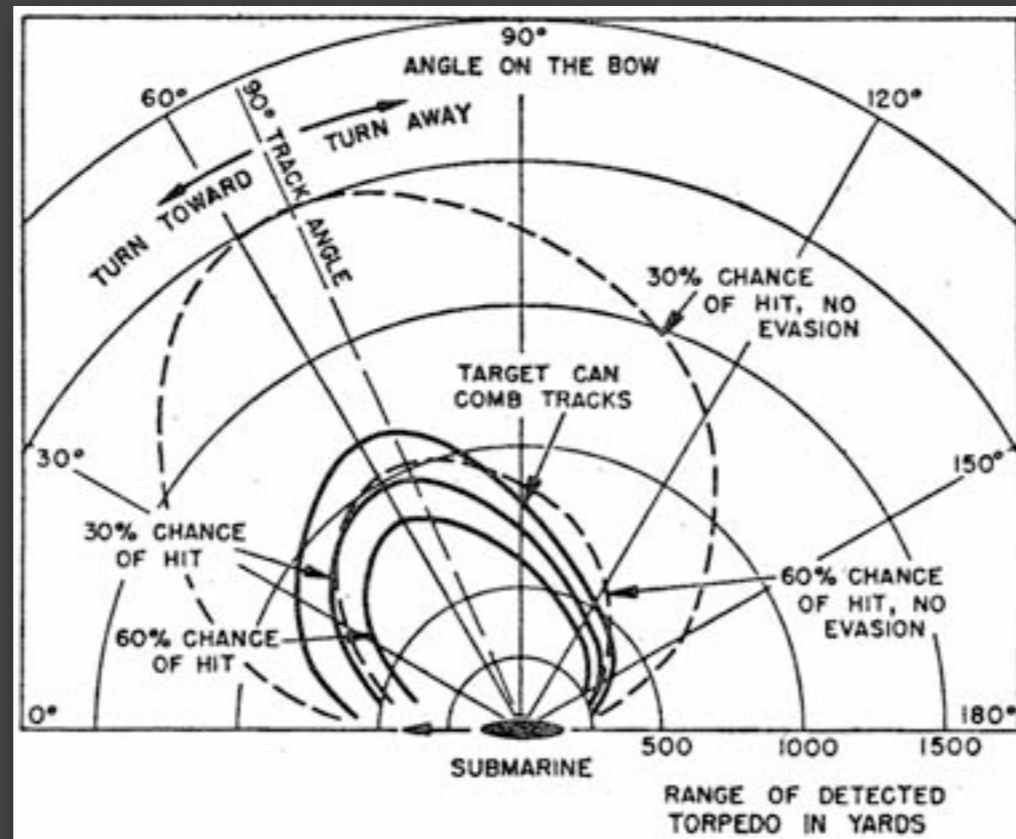
Geschichte und Theorie der Kybernetik

Vorlesung WS 2006/07

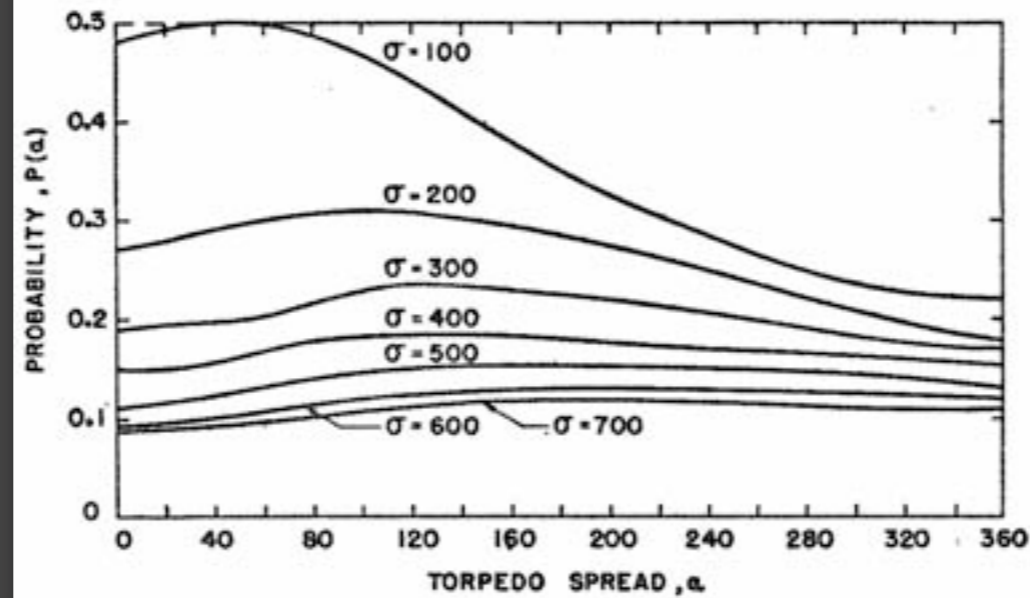
3. Sitzung: Kybernetik und Politik | 8. November 2006

Palinurus
dargestellt von Bazon Brock (1998)

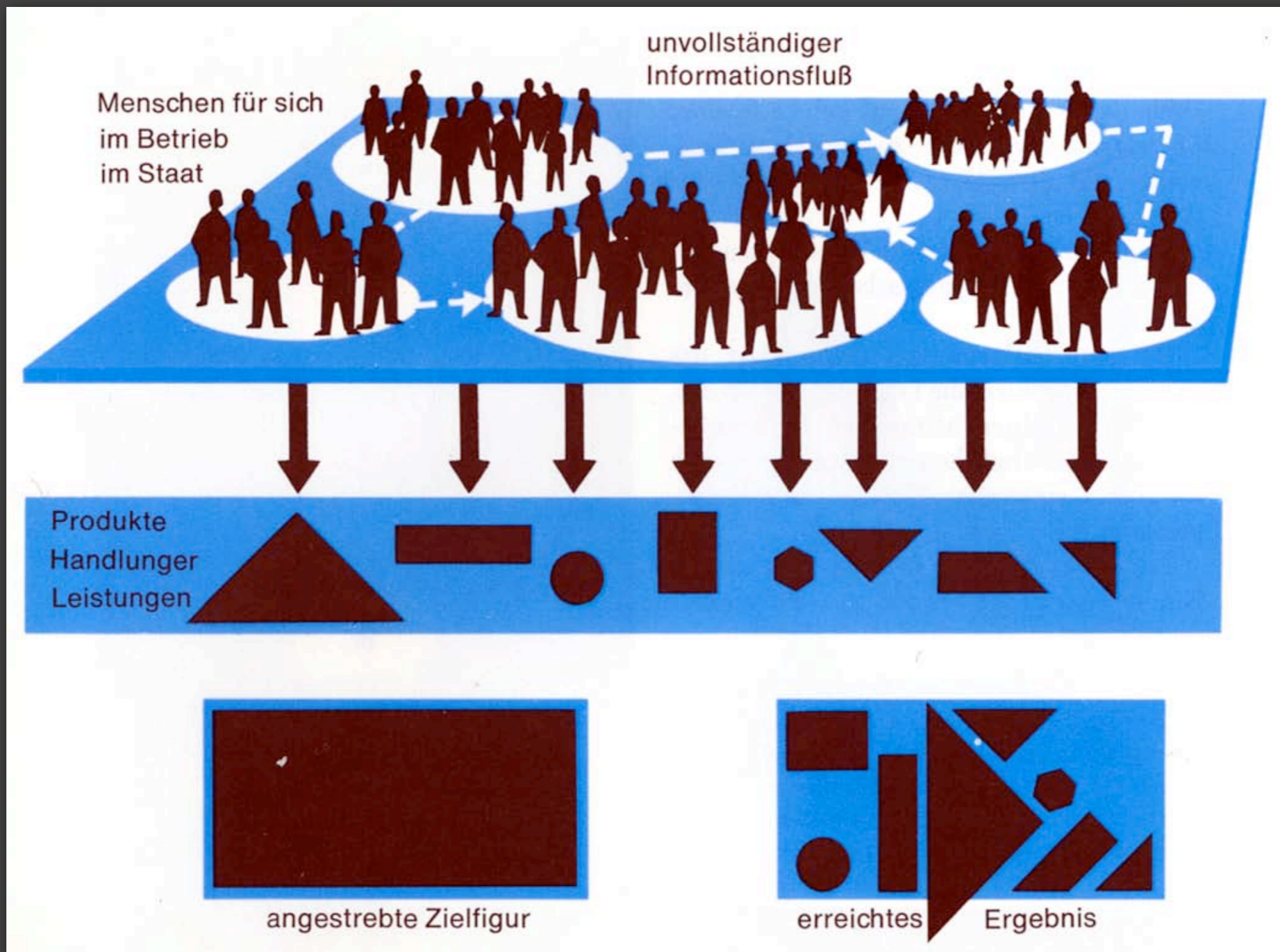




U S FLEET TYPE SUBMARINE AT 18 KNOTS
3 TORPEDO SALVO (150% SPREAD) AT 45 KNOTS



Selbstopтимierung der Gesellschaft durch Kommunikation
Diagramm aus einem deutschen Kybernetik-Lehrbuch (1971)



Selbstopтимierung der Gesellschaft durch Kommunikation
Diagramm aus einem deutschen Kybernetik-Lehrbuch (1971)

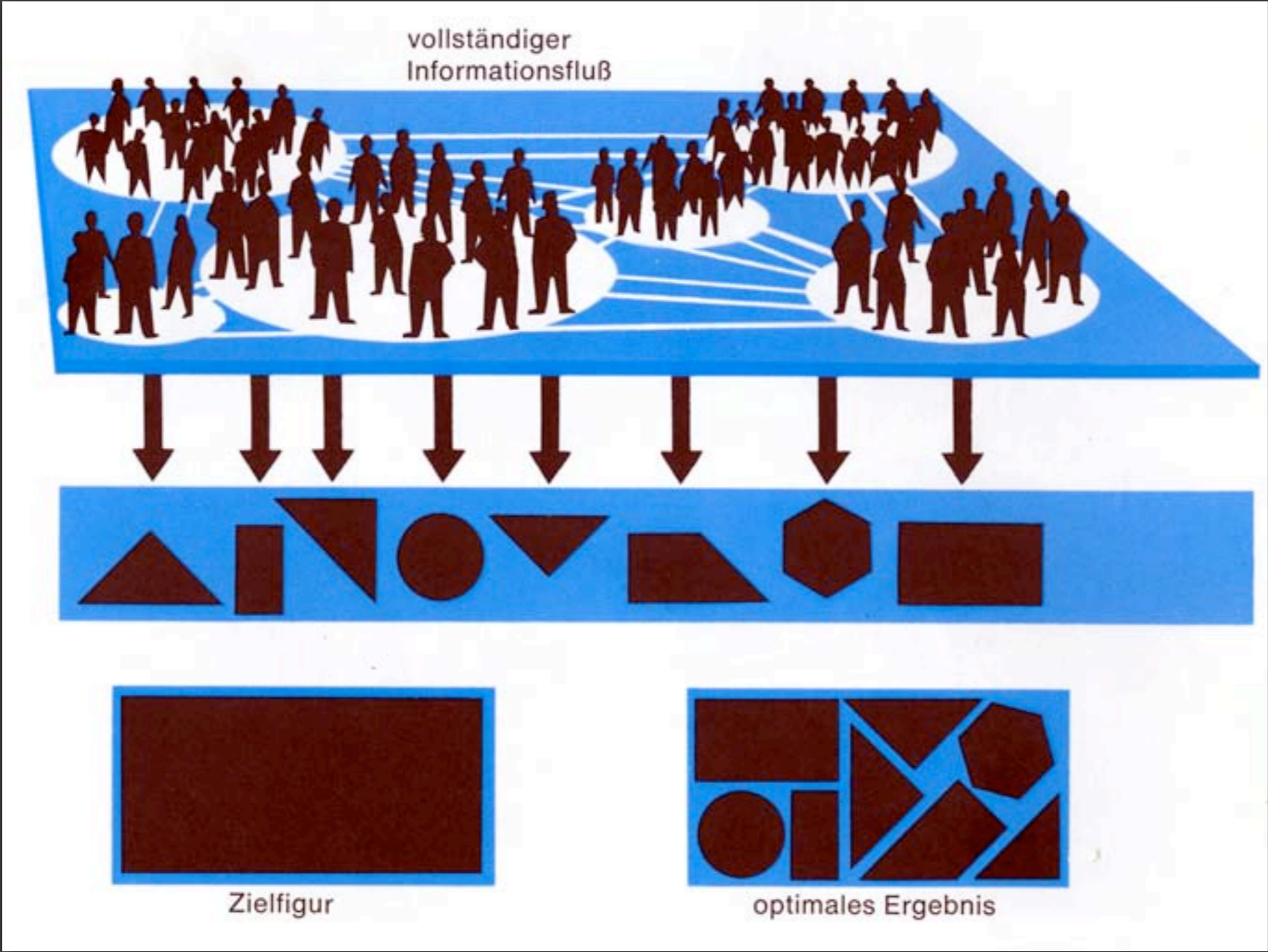
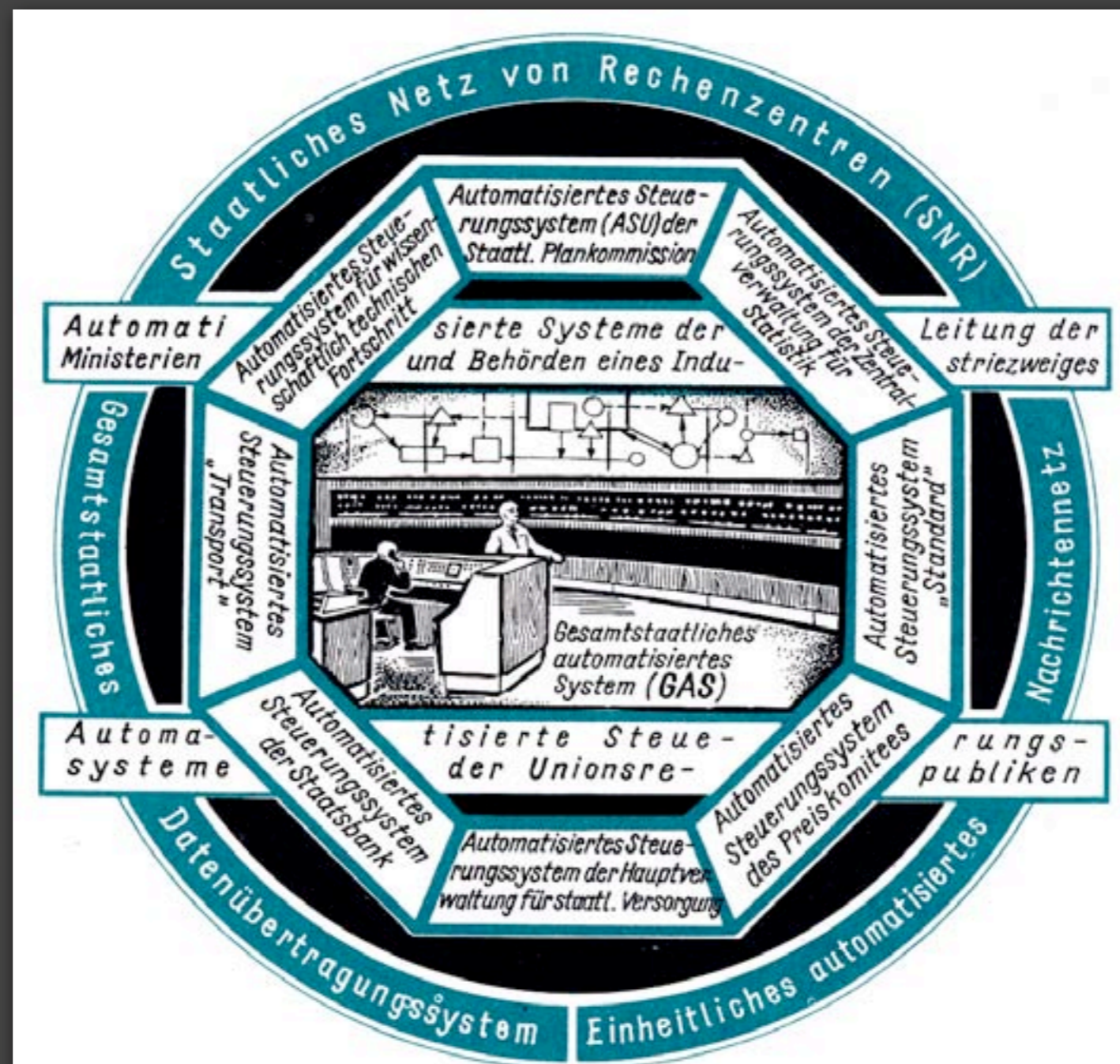


Diagramm einer computerisierten Planwirtschaft

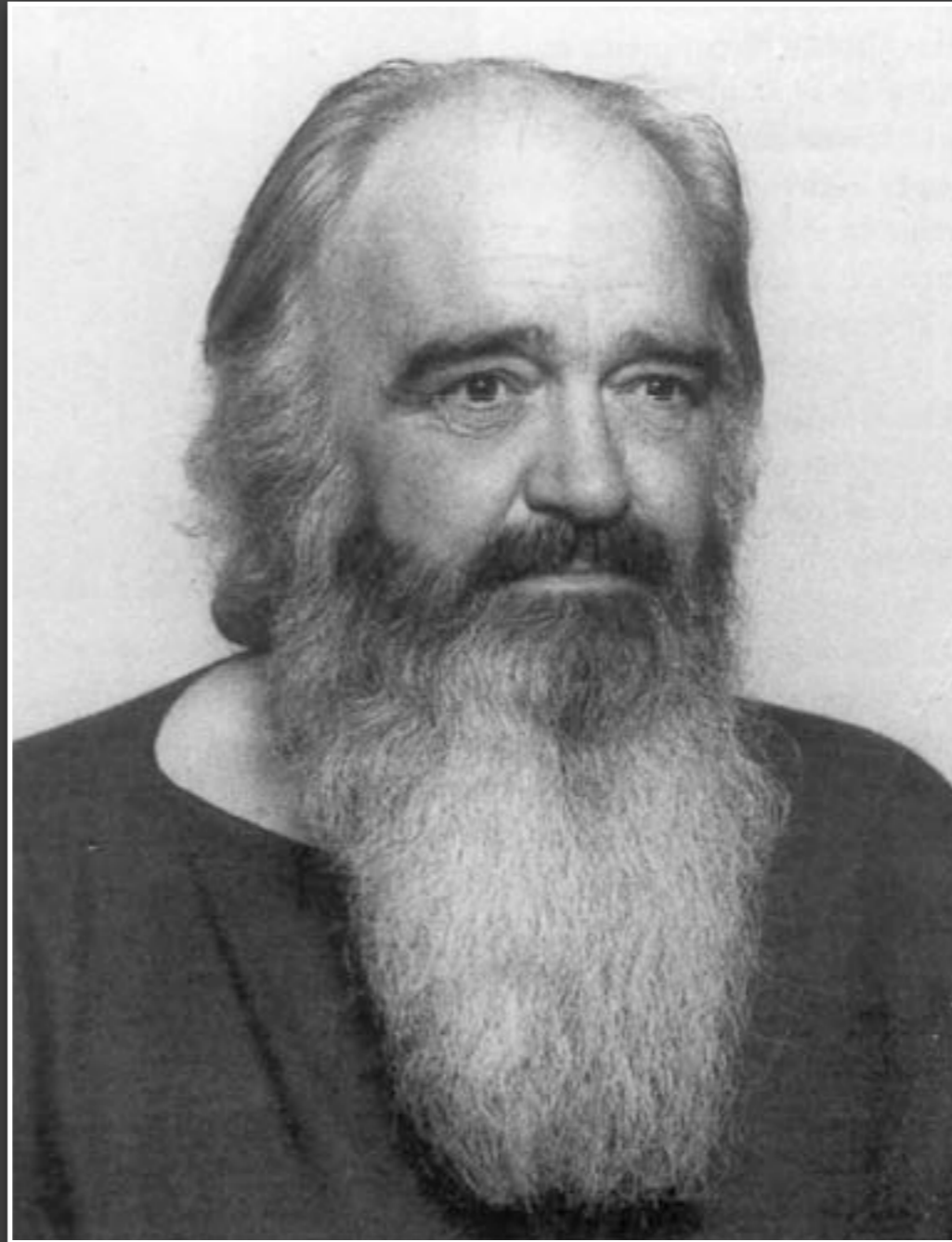
DDR, um 1970



So kann man sich die Struktur des Gesamtstaatlichen Automatisierten Systems (GAS) der Informationserfassung und -verarbeitung für die Rechnungsführung, Planung und Leitung der Volkswirtschaft vorstellen. Der äußere Ring stellt die technische Basis, das Innere die funktionalen Glieder des Systems dar.

Stafford Beer

Aufnahme aus den 90er Jahren



Stafford Beer

Aufnahme aus den späten 60er Jahren



Stafford Beer

The Cost Benefit Analysis Song

How many bricks constructed this prison
And how many grapes went into the wine
How many illusions were lost for the vision
Of how many angels advancing in line ?

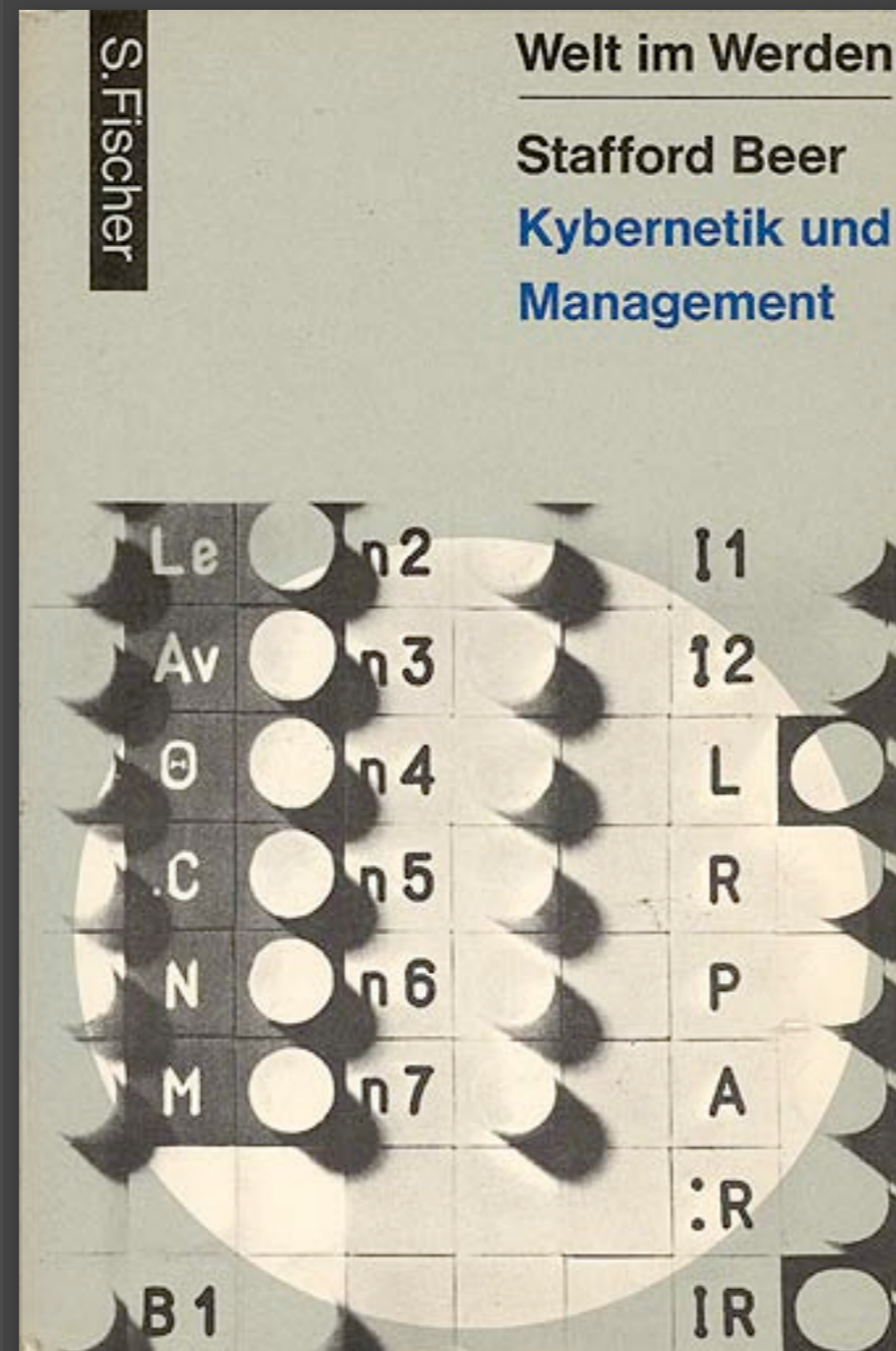
How many lifetimes were ended in torment
And how many people this day would resign
How many bank balances just for this moment
And how many grapes went into the wine?

How many units of human compassion
And how many grapes went into the wine
How many illusions were sacrificed wantonly
How many people have looked for a sign?

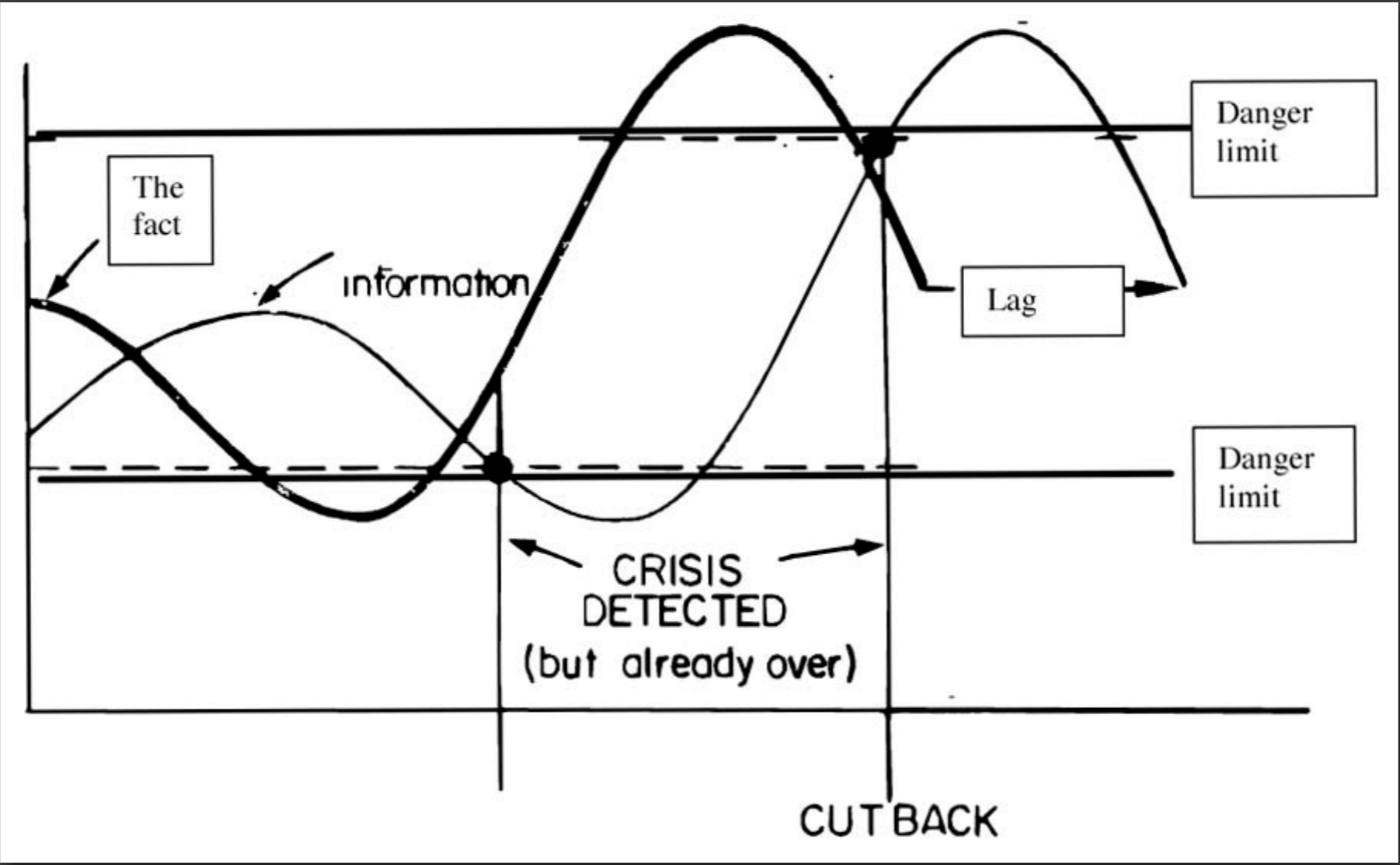
How many women are need to fashion
The how many men who are forced to assign
How many excursions to bed were for passion
And how many grapes went into the wine?

How many men have been killed by our soldiers
And how many grapes went into the wine
How many insurgents are listed in Folders
And how many children are shot through the spine?

How many truths have run through our fingers
And how many credos ... Believing in mine
How many have led into unthought of dangers
And how many grapes went into the wine?

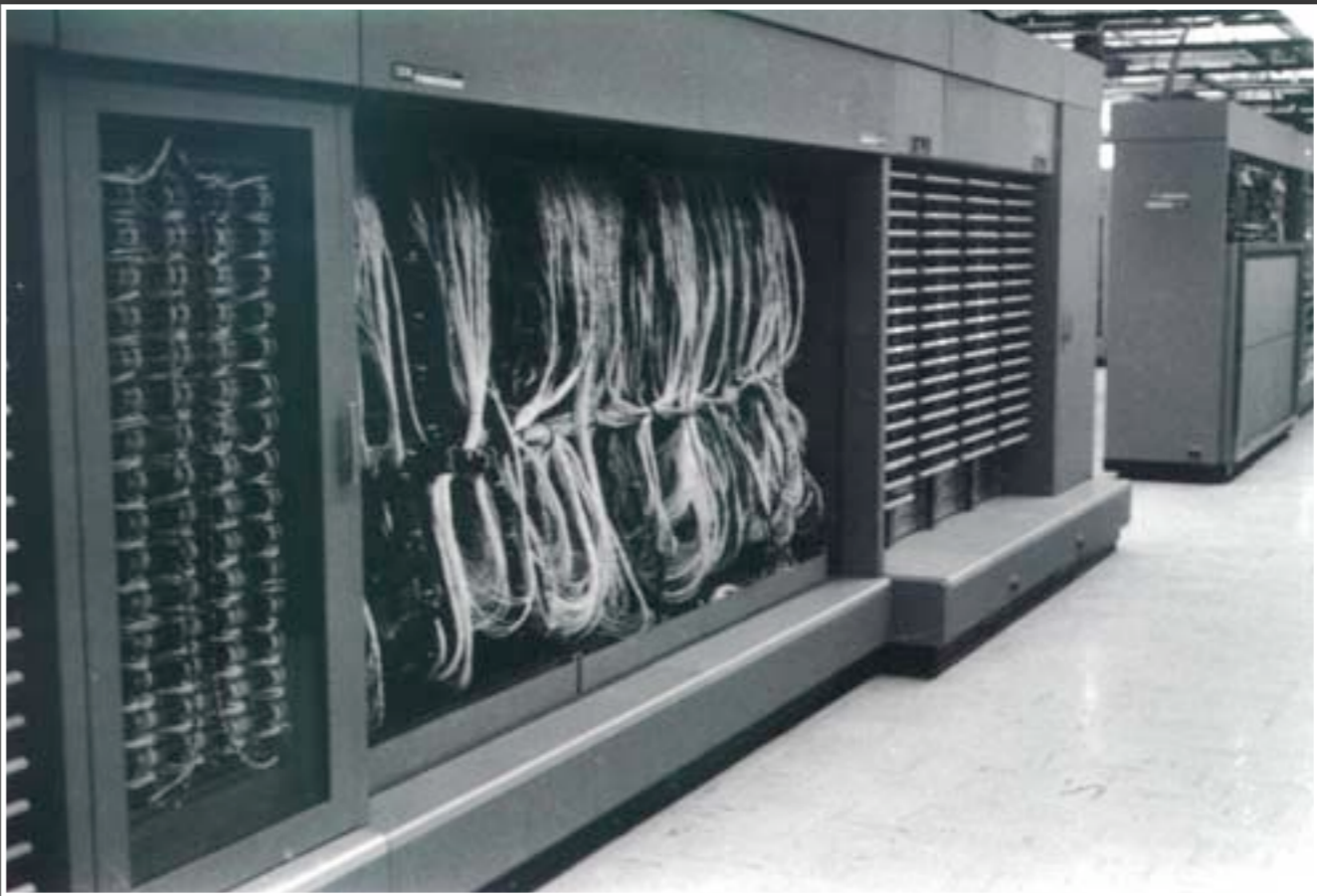
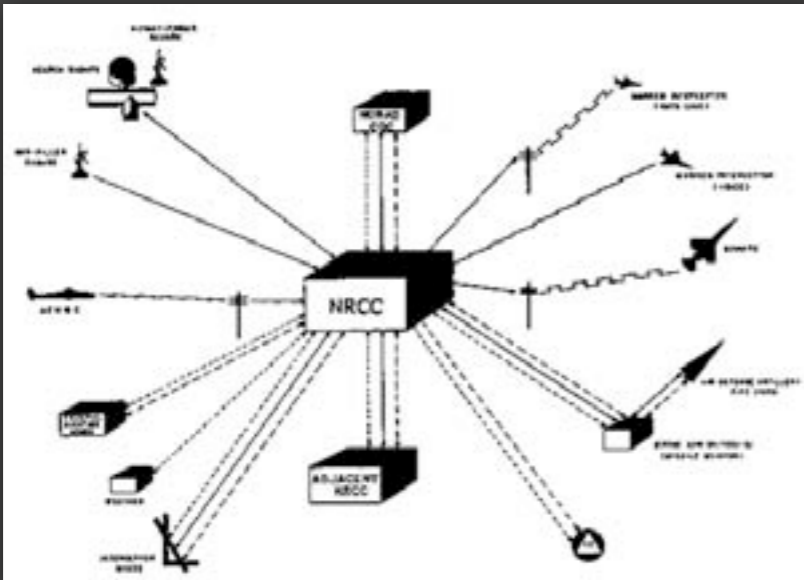


Kybernetik und Management
Die Schwingungszyklen der Ökonomie



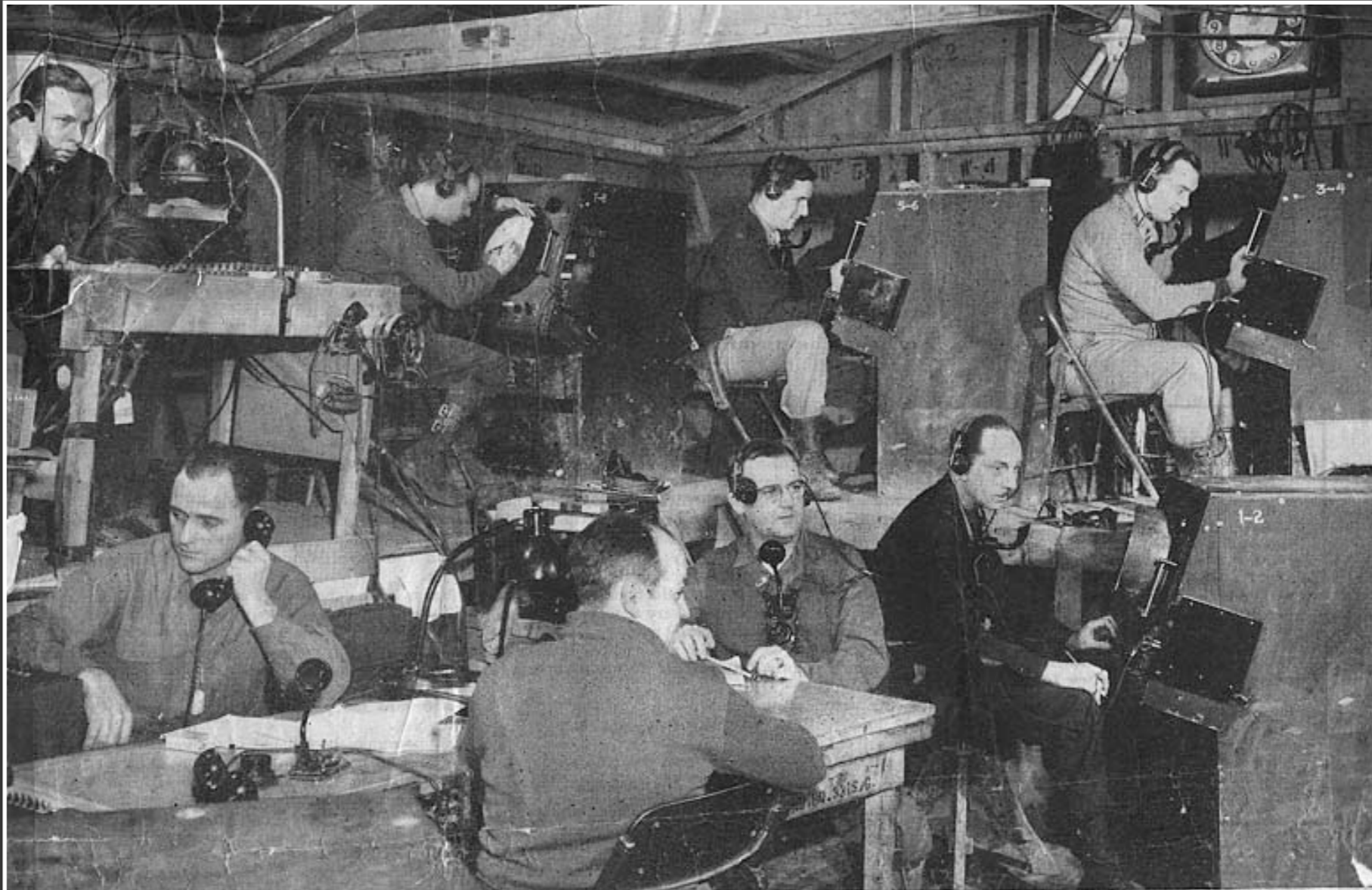
Das SAGE Frühwarnsystem

Topologie und einlaufende Datenleitungen (1958-1984)



Der Opsroom

Ein Vorbild aus dem Zweiten Weltkrieg



Similar to our
OPS #2. Filter
officer upper left

Radar men of a 9th AF control station in France reading scopes showing movement of planes through night or overcast skies. They could direct our airmen to fend off the enemy or destroy communications and other vital targets.

JOHN GARFIELD

We Outsmarted Them on Radar

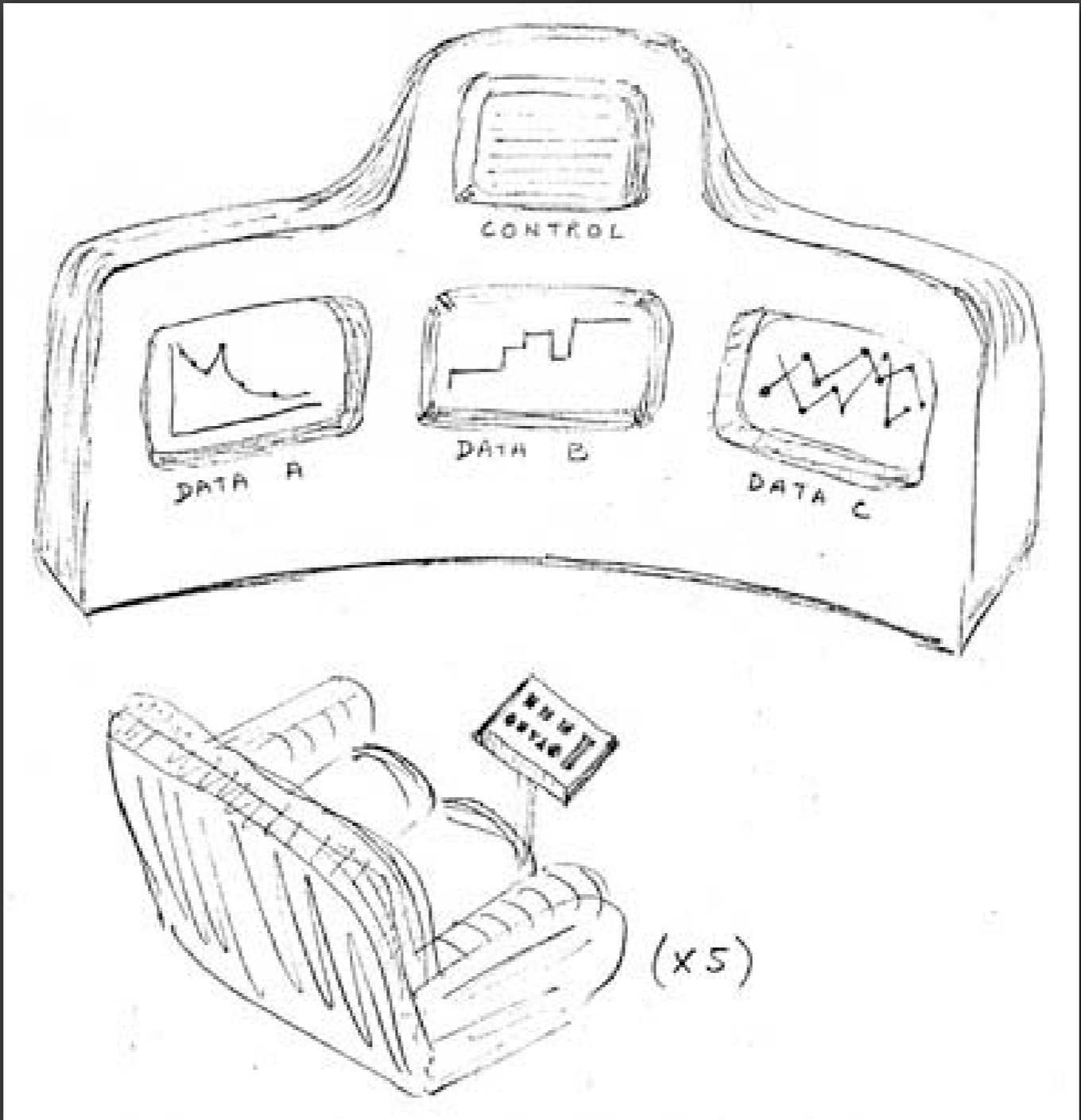
Der Opsroom

Gestaltung Gui Bonsiepe, 1972



Der Opsroom

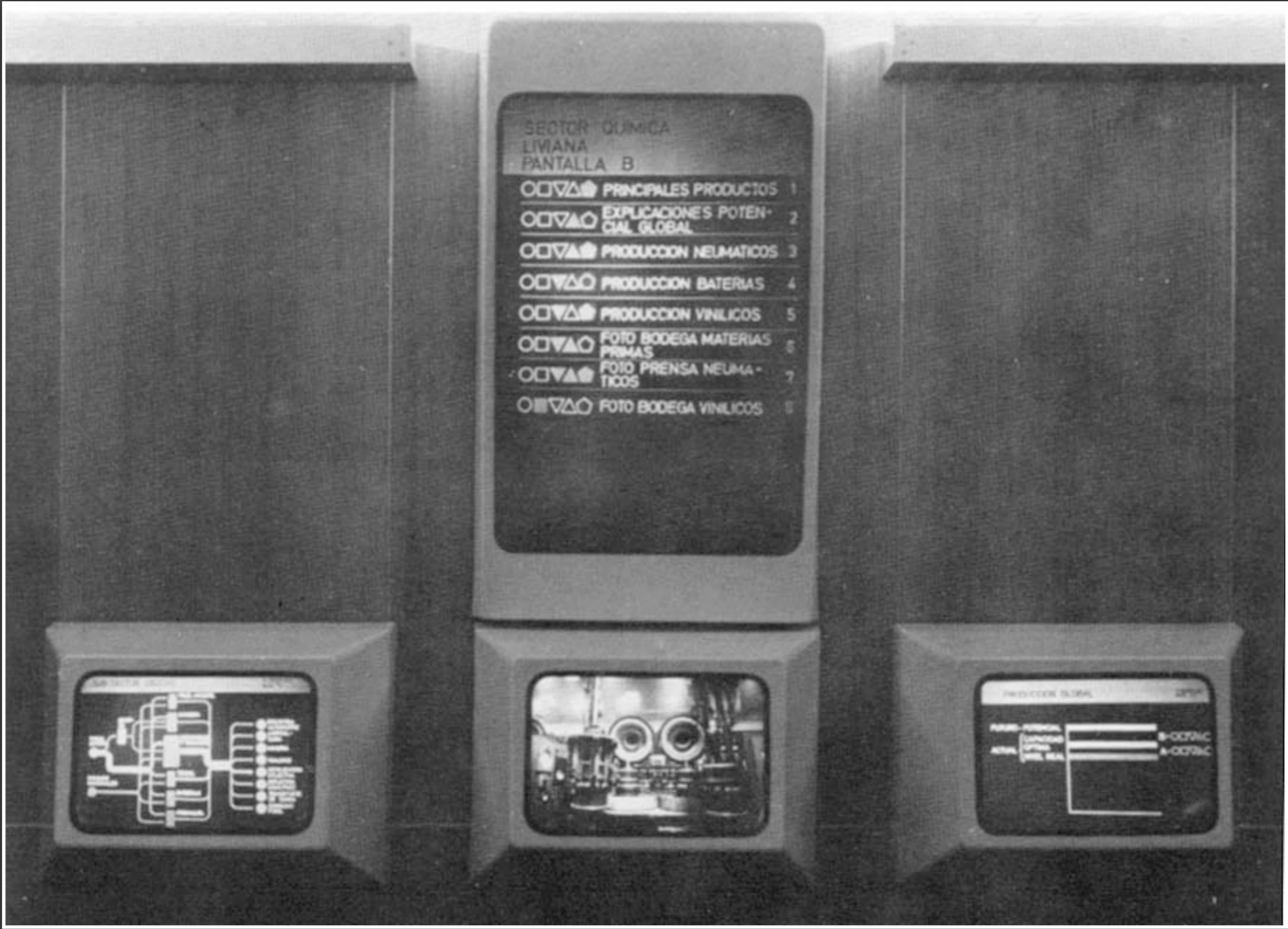
Erster Entwurf von Stafford Beer



PROBLEMAS INTERNOS DESTACADOS

B-00001-MA
NOV 72

- ANTIGUEDAD DEL EQUIPO
- FALTA PROGRAMAS MANTENCION PREVENTIVA
- INADECUADA DISTRIBUCION DE MAQUINARIAS Y EQUIPOS EN ALGUNAS SECCIONES DE LAS PLANTAS

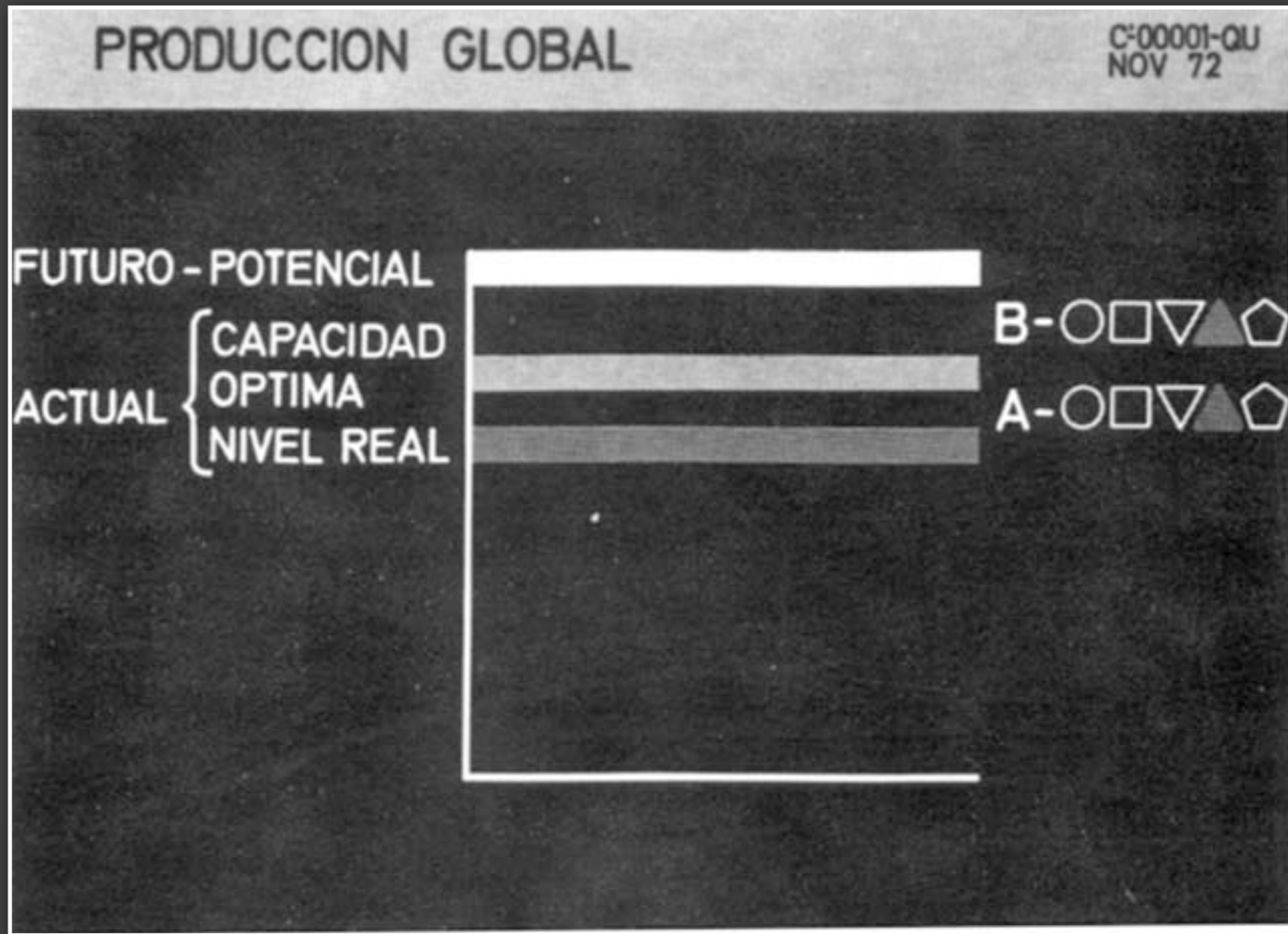


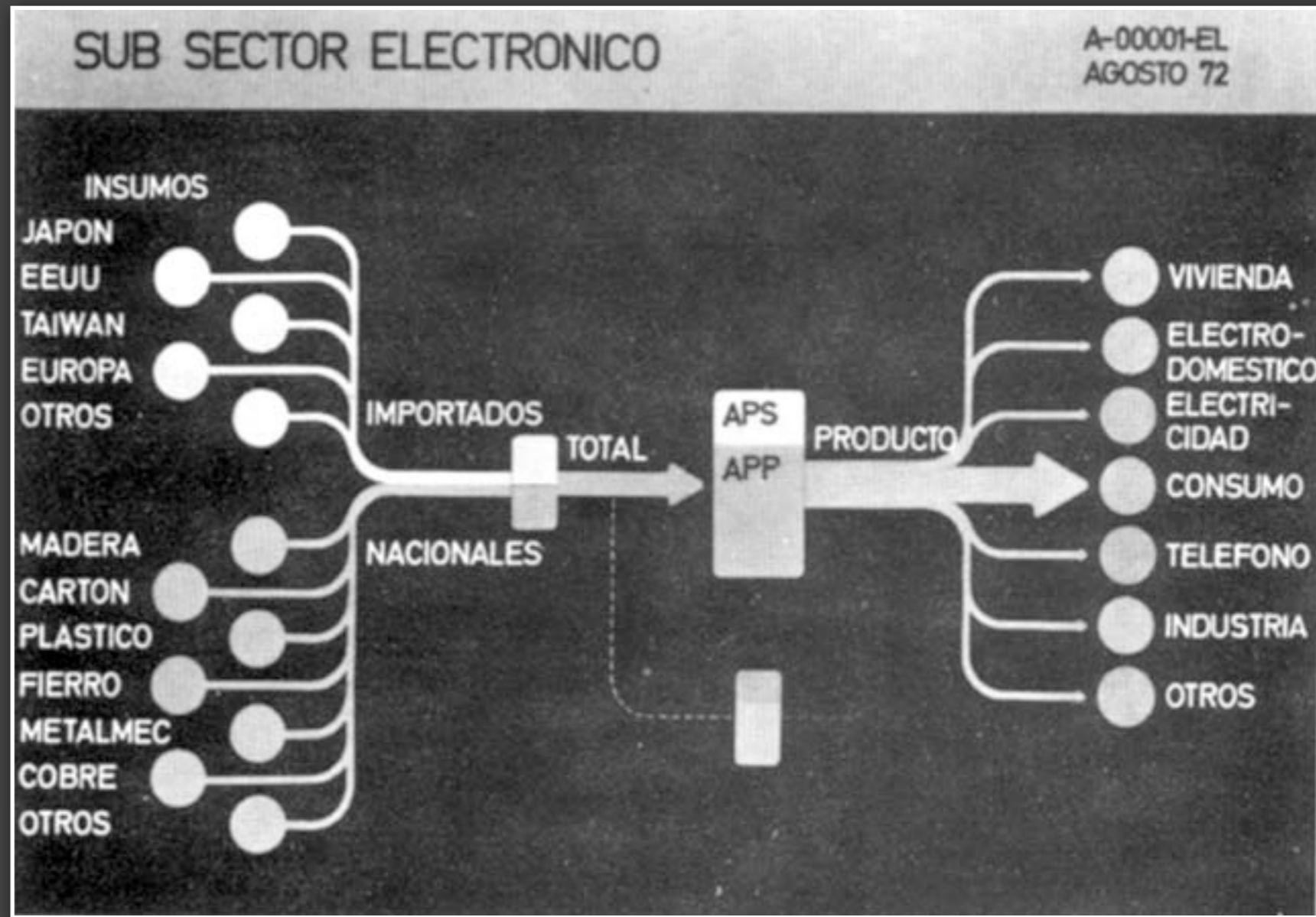
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PANTALLA A		
○□▽△	SUBSECTOR CAUCHO	1
○□▽△	EXPLICACIONES PRO- DUCCION GLOBAL	2
○□▽△	PROYECTOS INVERSION NEUMATICOS	3
○□▽△	PRODUCCION BATERIAS	4
○□▽△	PRODUCCION VINILICOS	5
○□▽△	PRODUCCION PLANTA NYLON	6
○□▽△	DEFINICION INDICADOR PRODUCCION GLOBAL	7
○■▽△	FOTO NYLON	8

Der Opsroom

Drehsessel mit eingelassener Tastatur





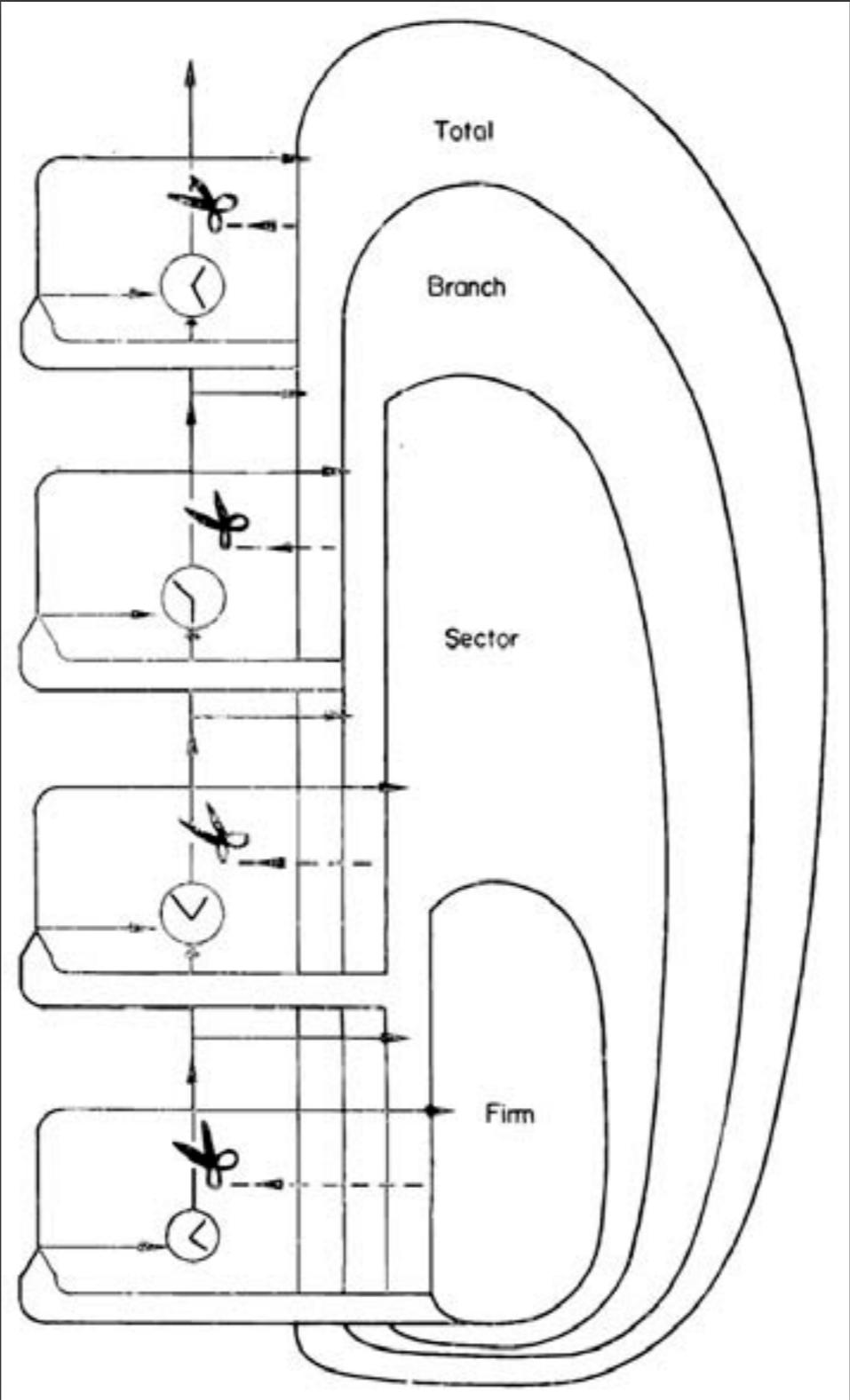


Der Opsroom

Das »Now-System«



Der Opsroom
Rekursionen der Volkswirtschaft



Der Opsroom

Das »Now-System«

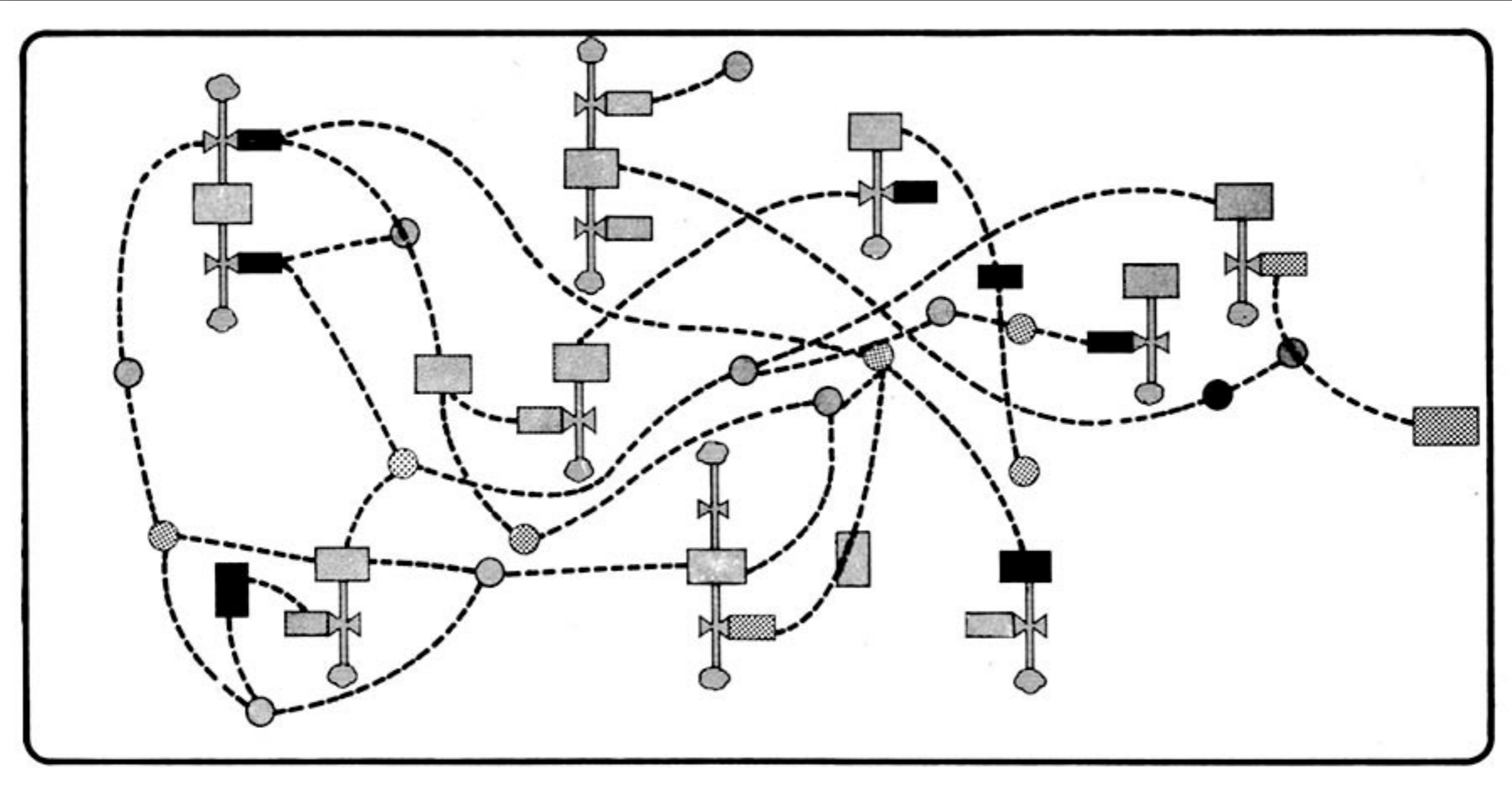


Der Opsroom
Das »Future System«

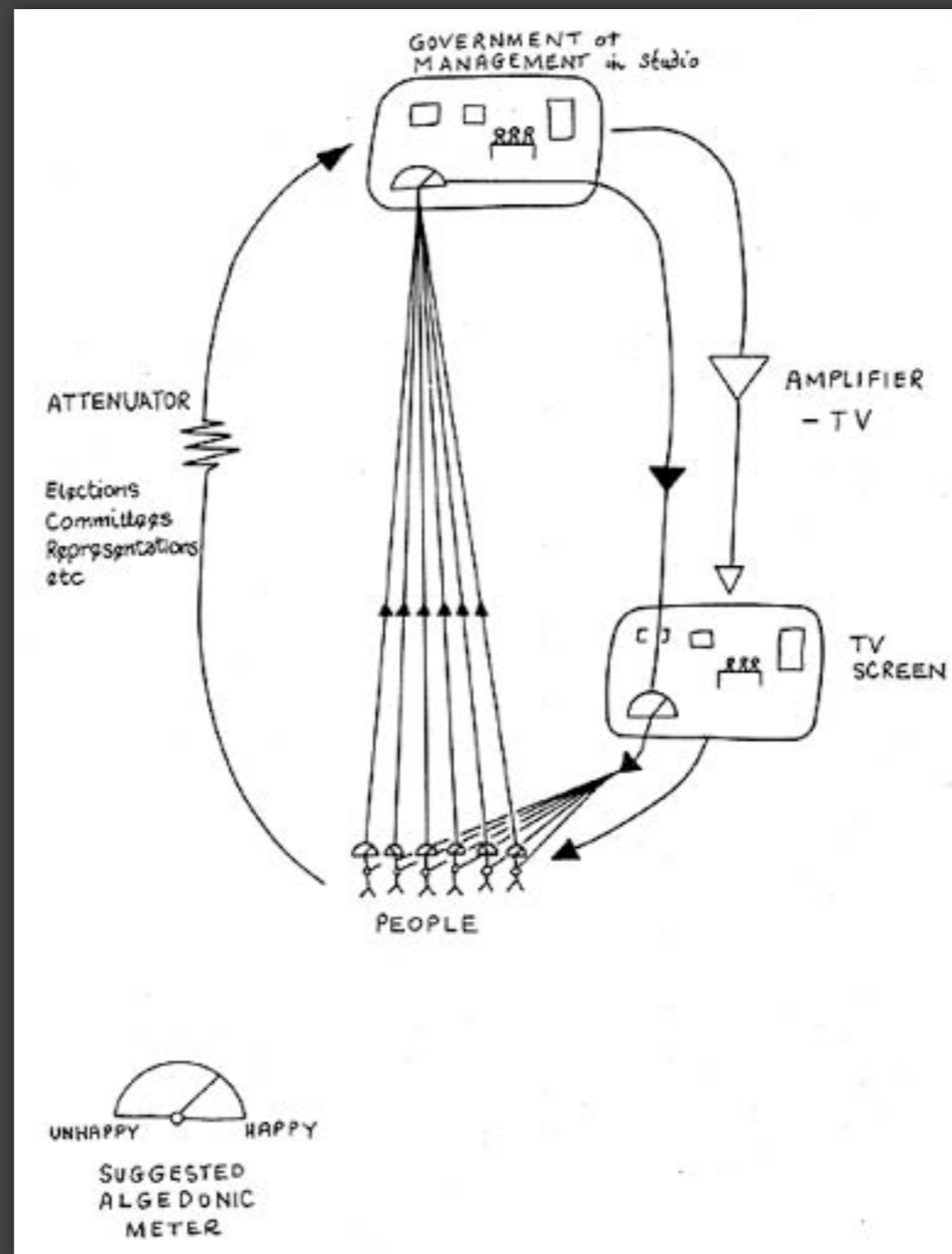


Der Opsroom

Entwurf für ein Interface mit Magnetplättchen

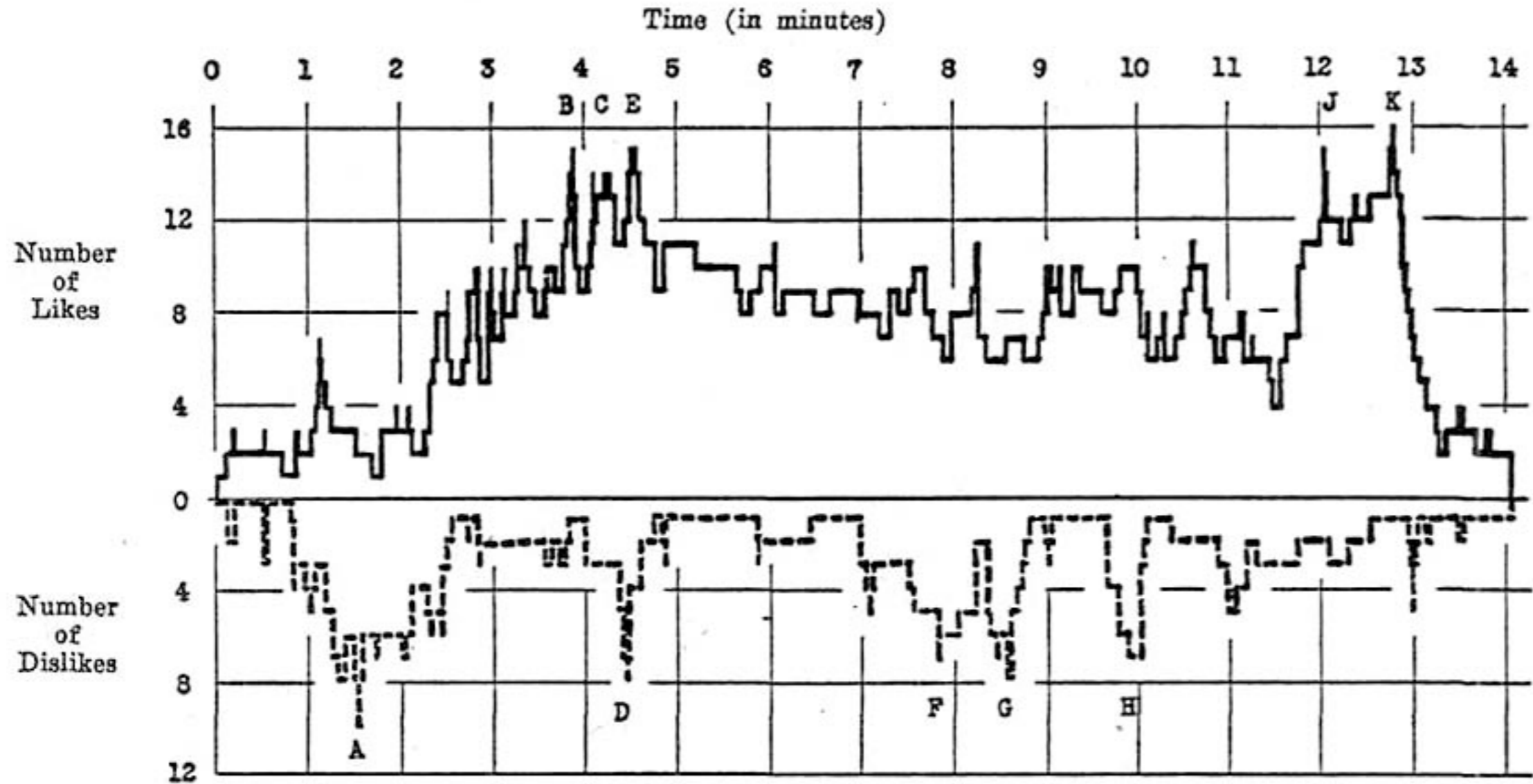


IF THE GOVERNMENT **IS** THE PEOPLE
THE REVOLUTION OF GOVERNMENT
STARTS WITH **YOU**.



PATTERN OF "LIKES" AND "DISLIKES" OF 52 SUBJECTS

LISTENING TO A PUBLIC AFFAIRS PROGRAM



STARTED

Thinking for the future, which is just beginning
Planning for our children's children
→ a better society

