

For...  
the...  
the...

The Military & Ind. Rev. of Our time by Fritz Sternberg, Praeger, '59

Part. I--The Military Rev., 1, the US&Rus., 2. The Rev. & Peace  
Nothing new, other than to stress it was begun with  
Stalin, '49--a bomb  
'54 H-bomb "shortly after Stalin's death." In  
other words, all the scientific preparations which  
led to this success were made in Stalin's lifetime;  
that is still under terror." (p.16)

Part II. The 2nd Ind. Rev.--  
The Rel. bet. Military & Ind. Revs.--  
the scientists created the mil. rev. & hence the inverse  
rel. bet. military & ind. which followed. That was  
so in 1st ind. rev. John Diebold testifies to fact  
that WW II dev. of self-regulating devices "It is out of  
this wk. that the technology of automation as we understand it  
today developed." ("Automation & Tech. Change", Hearings before  
Sub-Comm. on Eco. Stabilization of the Joint Comm. on the Eco.  
Report, Congress of US, GPO, '55, p.9)

1st Ind. Rev. & From 1st Ind. to 2nd is ordinary  
except an ques. of Japan, pp.183 & Asia generally till p.195,  
where she stresses how different Japanese imperialism was  
since she lacked certain strategic raw materials, or possessed  
them in inadequate quantities, as coal & iron & therefore had to  
build up the industries of some of the conquests like Manchuria.  
(Cf. E.B. Schumpeter, "The Ind. of Japan & Manchukuo, 1930-40, p.275)  
but in main, like other imperialists, retained agrarian feudal-  
ism in her colonies, but because of loss in WW II of the  
industrialized parts, she now must 1st build by bootstraps  
when her own eco. is feudal. 2nd Ind. Rev. occurring  
when world divided in 2 & many new sovereign nations, but  
above all a scientific rev. p.191; while Fr. Rev. not only had  
50 yr. before ry., & heavy ind. but: "Above all those industries  
which were later to be of such imp. for modernisation of AGRIC.  
were themselves not yet developed. The chemical ind. with its  
artificial fertilisers was still to come, the metallurgical ind./  
was not yet there to provide agric. machinery, & the auto ind.  
to provide tractors. And that whole technical dev. which was  
to lead to artificial irrigation & electrification was still  
in the womb of time."

AGRIC...!!!!!!

Handwritten notes in a circle:  
The W. Rev.  
2nd Africa  
have  
members!

NOVADAYS AT SAME TIME AS OVERTHROW OF CORRUPT  
ASIATIC OUTDATED SYSTEM & RELEASE OF TENS OF MILNS. OF PEOPLE  
FROM ECO. DEPENDENCE, there are (1) 100 yrs. of ry. dev. & 50  
of aeroplanes; (2) coal, iron & steel as well as chemical & elec.  
fully developed as well as ind. progress extended to agric.  
p.192: "It will be possible to use artificial fertilizers,  
tractors, mod. agric. machinery, mod. artificial irrigation,  
electricity, atomic energy & so on in the countries of Asia long  
BEFORE the requisite metallurgical, chemical & elec. ind. are  
developed there. Further, in the present stage of science &  
techniques, the STATE itself can intervene to encourage favorable  
fast dev. IF modernisation of Asiatic agric. & ..then quite  
naturally A NEW & VERY DIFFERENT REL. WILL DEV. BET. TOWN &  
COUNTRY, a relationship such as we have not known either in  
the US or in Europe... Asiatic countries will not follow Am. or  
European exs. in this decisive matter BUT WILL GO THEIR OWN  
WAY

Handwritten notes:  
Key  
or  
15  
1950

2nd Ind. Rev. & Wes. World--pretty much all  
technical stuff on automation & not on atomic energy not even  
as good as newspaper articles, still relies, even when he  
rejects, Werner Sombart's conception of great ind. nations "using  
up" raw material sources, coal, oil, & other deposits since with  
atomic energy all such fears are baseless. But above all, coal,  
whose transport involved such heavy expenses can have  
no effect with nuclear science. On contrary, in SU & USA  
atomic energy may be less used than Asia as it develops.

Handwritten notes:  
18  
Sov  
1950  
Tech  
Aut  
USSR

World His. Framework of 2nd Ind. Rev.  
1st he takes up rate of growth of SU & whether it must really  
slow down. Recent Sov. statistics show now only 40% in agric. &  
hence less of them to flow to ind. but automation, etc. etc.  
pp.280-281. (Cf. INT. SOCIAL SCIENCE BULLETIN, UNESCO, VOL. X,  
1958, for article by K. Klimenko, Academy of Sciences of USSR,  
Deputy Minister, Automation Tools & Equipment)