

\*

:  
:

\*\*

[ ]

\*\*\*

---

\* *Raimo Vayrynen, [military Production and the Rise of Japan], Military Industrialization and Economic Development,(USA:Brook Field, 1992) PP. 31-46.*

\*\* *The Meiji Restoration*

\*\*\* *Bakufu Tokugava*

\*

\*\* [ ]

\*\*\* «

»

\*\*\*\*\*

\*\*\*\*\*

\*\*\*\*\*

---

\* *Perry*  
\*\* *Han*  
\*\*\* *Turnkey Plants*  
\*\*\*\* *Satsuma*  
\*\*\*\*\* *Choshu*  
\*\*\*\*\* *Shogunate*

*\* Self- Strengthening*

*\*\* Foochow*

\*

\*\*

《

》\*\*\* ( - )

《

-

》

---

\* *Hagi*  
\*\* *MITI*  
\*\*\* *Fukoku-Kyohi*

« »

«.

...

»

\* ( )

\*\*

( )\*\*\*

( )\*\*\*\*

---

\* *Pilot PLants*  
\*\* *Iwakura*  
\*\*\* *Shokusan Kogyo*  
\*\*\*\* *James K. Kurth*

»

«

\*\*

\*

\*\*\*

.«

»

---

\* *Seisho*  
\*\* *Zaibatsu*  
\*\*\* *yawata*



·  
·

·

·  
\*

-

·  
·

·

·

»:

«.

·

·

·

( - )

·

·

·

\* *Saga*

---

\*

\*\*

»

《.

\*\*\*

( - )

》:

《.

»

---

\* *Kaigune Daigakko*

\*\* *Douglas Mission*

\*\*\* *Taro Katsura*

«.

»

«.

.

.

.

.

.

.

-

.

.

-

.

.

.

.

.

.

.

.

.

.

.

.  
- / /  
- /  
/

« »

- »

-  
«.

\*

---

\* *Tsukij*

\*

»

«.

\*

---

\* *Spin-off*

\* *Kamaishi*

)

(

-



\*\*

\*

\*\*\*\*

\*\*\*

---

*\* Ishikawajima*

*\*\* Kawasaki*

*\*\*\* Nishikawa*

*\*\*\*\* Saito*

».

- -

»:

«.

«

»

\* *Hokkaido*

[ ]

[ ]

:

[ ]

Fugushima, shingo, [the building of National Army], in Seiichi Tobata(ed), *The modernization of Japan, 1966, Vol. 1, the Institute of Asian Economic Affairs: Tokyo. Pp. 189-190.*

-Mitsukuni, Yoshhida, [The restoration and the History of technology], In Nagai Michio and miguel urrutia (eds), *Meiji Ishin: Restoration and Revolution, 1985, the U.N university: Tokyo, pp. 193-8.*

2- Norman, E. Herbert, *Japan's Emergence as a modern State. Political and Economic problems of the Meiji Period, 1940, IPR: New York, pp.118-20.*

3- Lehmann, Jean- Pierre, *The Roots of Modern Japan, 1982, Maccmillan: London, pp.213-14.*

4- Jansen, Marius B., *Sakamoto Ryoma and the Meiji Restoration, 1971, Stanford University press: Stanford, pp. 220-2.*

- Lehmann.Op.Cit, pp.150-1.

5- Beasley, W.G., *The Modern History of japan(3<sup>rd</sup>) 1982, Charles E. Tuttle Co: Tokyo, pp. 97-111.*

- 6- HSU, Immanuel, *The Rise of Modern China*(3<sup>rd</sup> edn),1983, Oxford University Press: Oxford, pp.275-86.
- 7- hunter, Janet E., *The Emergence of Modern Japan*,1989,longman: london, pp.128-9.
- 20- Lock Wood, William W., *The Economic department of Japan*, 1954, Princeton University Press: princeton, pp. 25-7.
- 21- *Ibid*,pp.504-5.
- 22- Hunter, *Op.Cit*,pp.114-16.
- 23- Hirschmeier, J.and tsunehiko. Y., *The Development of japanes Business 1600-1973*, 1975, George Allen and Unwin: London, p.80.
- 24- *Ibid*, pp. 86-8.
- 25- Allen. G.C., *A Short Economic History of Modern japan, 1867-1937*, Unw in university Book: London, pp. 68-9.
- 26- Lockwood, *Op.Cit*,pp. 507-8.
- 27- Hirschmeier, *Op.Cit.*,pp.96-9.
- 28- lock Wood, *Op.Cit*, pp.507-9.
- 29-lehmann, *Op.Cit*pp. 268-9.
- 30-*Ibid*.
- 31- Mitsukuni,*op.Cit*,pp. 194-5.
- 32- MCNeill, william, *The pursuit of power. 1982.The university of chicago press; Chicago*.
- 33- Hsu, *Op.Cit*,pp.192-3.
- 34-Jansen,*Op.cit*pp. 63-4.
- 35- searle, G.r., *The Outest for National efficiency. 1971, basil Blackweii: Oxford*, pp.57-9.
- 36-*Ibid*,p.65.

- 37- *beasley, Op.Cit,p.412.*
- 38-*Ibid.*
- 39-*Ibid,p.112.*
- 40- *Fugushima, Op.Cit, pp.198-205.*
- 41-*Lehmann, Op.Cit,pp270-72.*
- 42- *Westeney, D.E., the Transfer of Western Organization Patterns of Meiji Japan, 1987, Harvard U.P. Cambridge, Mass, pp. 60-2.*
- 43- *Jansen,Op.Cit,pp.66-7.*
- 44-*Marshal,op.cit,pp.46-50.*
- 45-*Kennedy, paul M.,The Rise and Fall of great Powers. 1987, random House: Newyork, p.208.*
- 46- *Beasley,Op.Cit,pp.368-71.*
- 47- *Hacker, Barton C.□The Weapons of the West.□.Technology and Culture, 1977, Vol.18. No.1.pp.52-3.*
- 48-*Watarai, T,Nationalization of Railways In Japan,1915, New york.*
- 49-*Ibid.*
- 50- *haliday, Op.Cit,p.85.*
- 51-*Ibid.*
- 52-*Lock Wood, Op.Cit,pp.250-3*
- 53- *Norman, Op.Cit,P.120.*
- 54- *Haliday,op.Cit, PP.57-8.*
- 55- *Hayashi, Takeshi, The Japans Experience in Technology. From Transfer to Self-Reliance,1990. The United nation University Press: Tokyo, P.40.*
- 56- *Norman.op.cit, pp. 128-31.*

- 57- Ando, Yoshio, *["The Formation of Heavy Industry"]*, in Seiichi Tobata(ed.), *The Modernization of Japan, 1966, Bol.1, Tokyo, pp.115-35.*
- 58- Yamamura, Kozo, *["Success Illgotten? The Role of Meiji Militarism in Japan's Technological Progress"]*, *Journal of Economic History*, 1977, vol. 37, No .1, pp. 113-35.
- 59- Hayashi, *op. Cit, p.103.*
- 60- Ando, *op. cit, pp.125-7.*
- 61- Allen, *op. cit, pp.82-3.*
- 62- Kennedy, *op. cit, pp.200-2.*
- 63- Halliday, *op. cit, pp. 58-59.*
- 64- Yamamura, *op. cit, 125-7.*
- 65- Allen, *op. cit, p.82.*
- 66- *Ibid, pp.91-2.*
- 67- Ando. *Op. cit, p.127.*
- 68- Yamamura, *op. cit, pp.116-17.*
- 69- Rice, Richard, *["Comment"]*, *Journal of Economic History*, 1977,, Vol.37, No.1, pp.136-38.
- 70- Backman, George M., *The Modernization of China and Japan, 1962, Harper and Row: New York, pp. 338-41.*
- Beasley, *op. Cit, pp. 165-6.*
- 71- *Ibid.*
- 72- Yamamura, *op. Cit, p.121.*
- 73- *Ibid, pp. 120-25.*
- 74- Allen, *Op. Cit, p.92.*
- 75- Prestowitz, Clyde V., *Trading Places. How America Allowed Japan to Take The Lead, 1988, Charles E., Tuttle: Tokyo, pp.105-107.*



- Lockwood, *Op. Cit.*

76- Norman, *op. cit.*, p. 133.

77- Beasley, *op. cit.*, p. 413.

78- Yamamura *op. cit.*, pp. 133-5.

79- Rozman, Gilbert, [The rise of State in china and Japan], in Michael Mann (ed.), *The rise and Decline of the Nation State*, 1990, Basil Blackwell: Oxford, pp. 183-4.

80 Ando, *op. cit.*, p. 134. Beasley, *op. cit.*, p. 144. Hunter, *op. cit.*, pp. 109-10.

81- Ando, *op. cit.*, p. 133.

82- Lehmann, *op. cit.*, pp. 308-9.

83- Allen, *op. cit.*, p. 85.

84- Garon, Sheldon, *The State and Lader in Modern Japan*, 1987, University of California press: Cambridge, pp. 187-227.

85- Lock Wood, *Op. Cit.*, pp. 291-3.