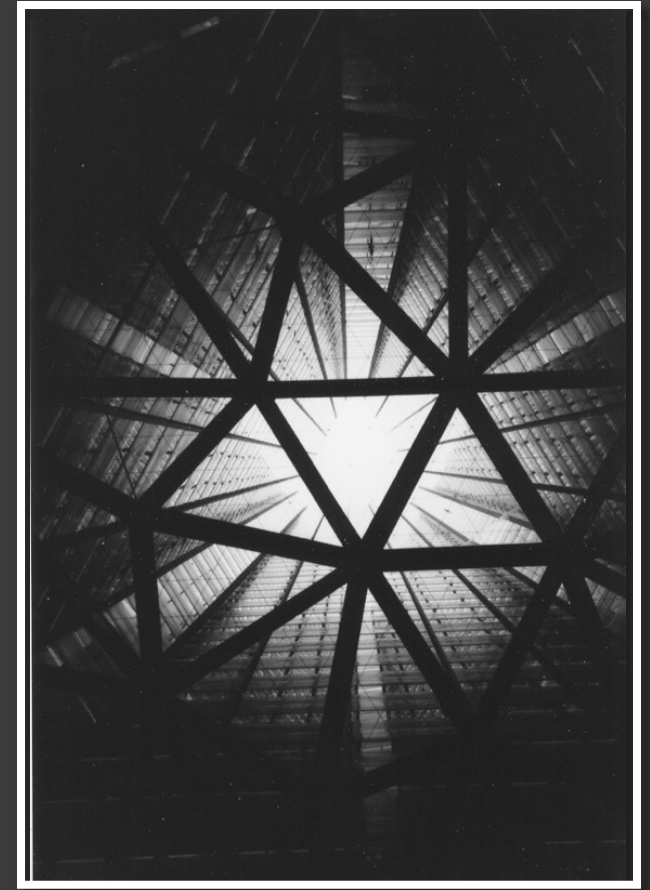


SYMPOSIUM: REGULATING
INTELLIGENCE: THE
CHALLENGE OF
CONSCIOUSNESS IN NEW
FORMS OF LIFE

FLIGHTS OF IMAGINATION:
THE USES AND ABUSES OF
NEW FORMS OF
CONSCIOUSNESS IN FICTION.



Dr. Nathan Emmerich, Institute of Ethics, DCU
HAPP, QUB (& soon to be ANU)

@bioethicsuk

SP  **ILER**
ALERT!

HISTORICAL EXAMPLES?

The Golem:

...and?

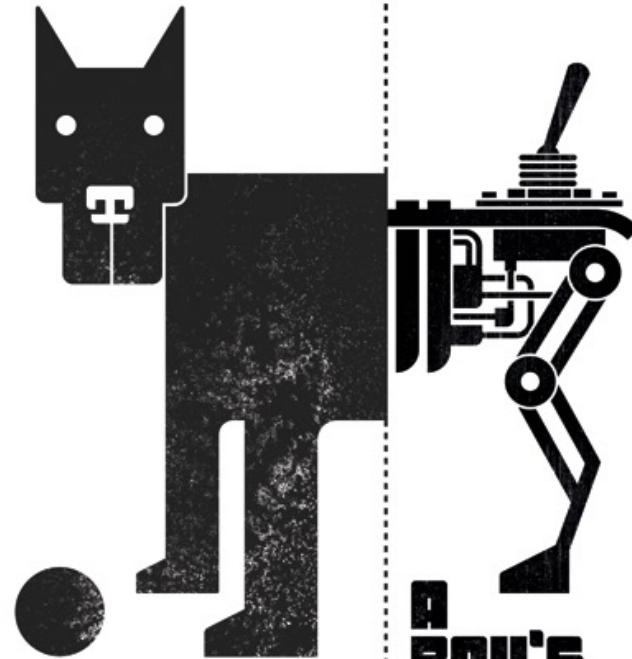


**Early Modern:
Frankenstein's Monster
Dr Jekyll and Mr Hyde**

ACTUAL GOLEM:



WHEN IS A CONSCIOUSNESS CONSCIOUS?

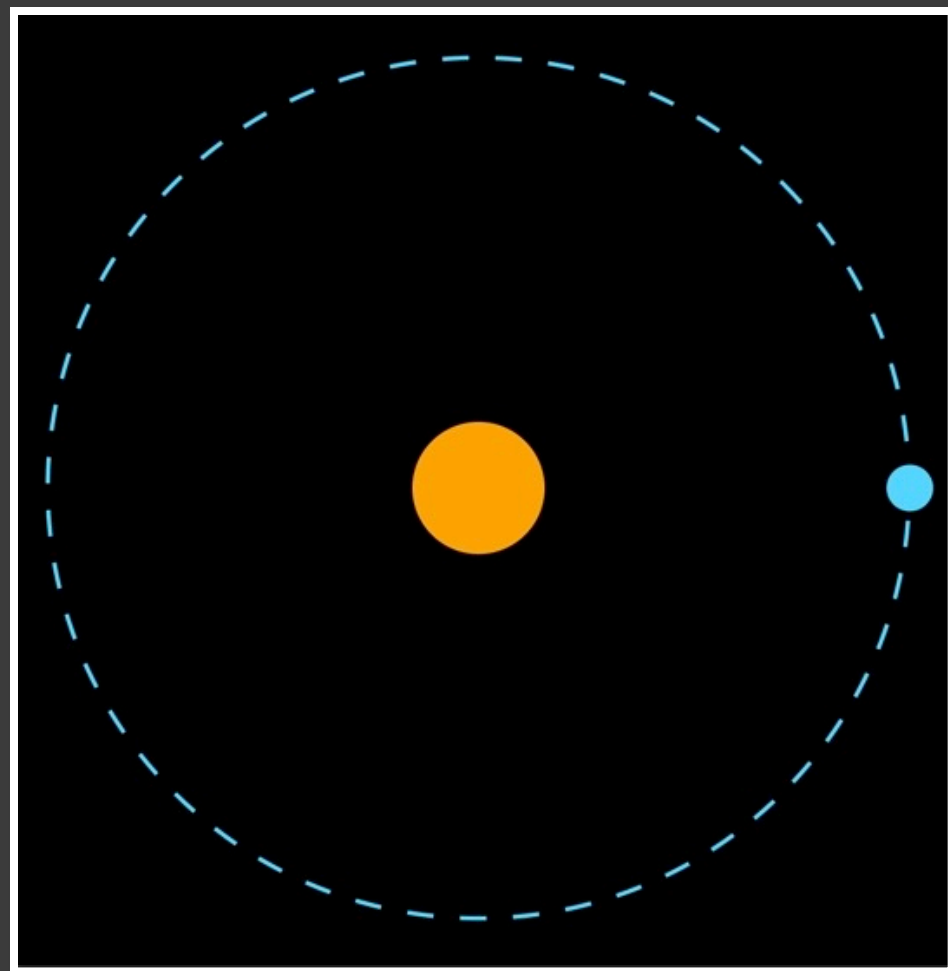


**A
BOY'S
BEST
FRIEND**

ISAAC ASIMOV
the complete robot

ASIMOV'S THREE LAWS OF ROBOTICS

1. A robot may not injure a human being or, through inaction, allow a human being to come to harm.
2. A robot must obey the orders given it by human beings except where such orders would conflict with the 1st Law.
3. A robot must protect its own existence as long as such protection does not conflict with the 1st or 2nd Laws.



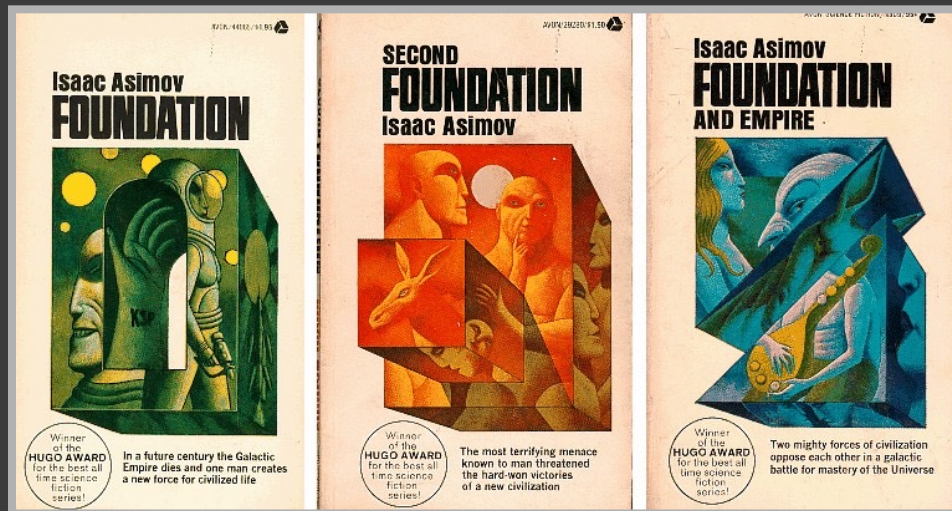
Runaround
(1st Mention)

THE ZEROETH LAW OF ROBOTICS

A robot may not harm humanity, or, by inaction, allow humanity to come to harm.

1st Mention: **The Evitable Conflict**

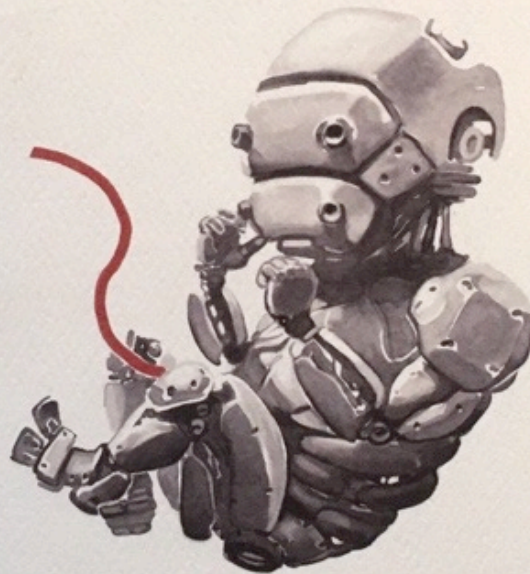
Also Fundamental to the Foundation Series.



MAREK'S 'AN INDUSTRIAL REVOLUTION' IN 'BIO-PUNK'



THE
LIFECYCLE
OF SOFTWARE
OBJECTS

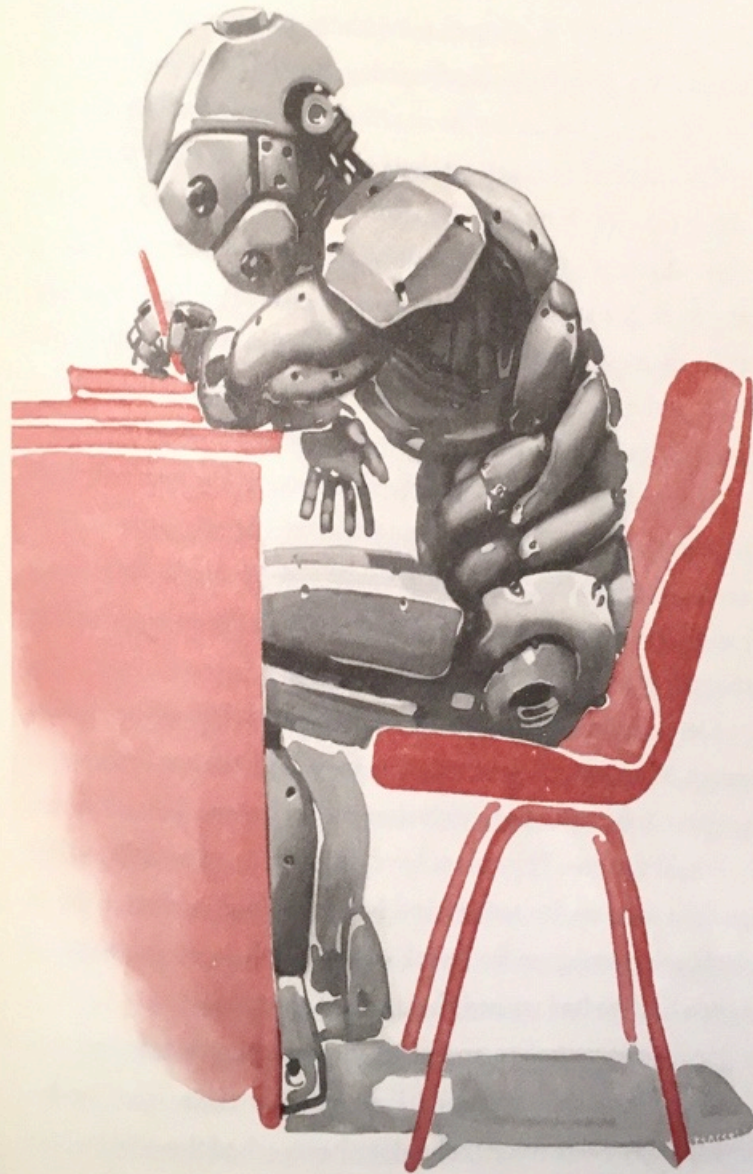


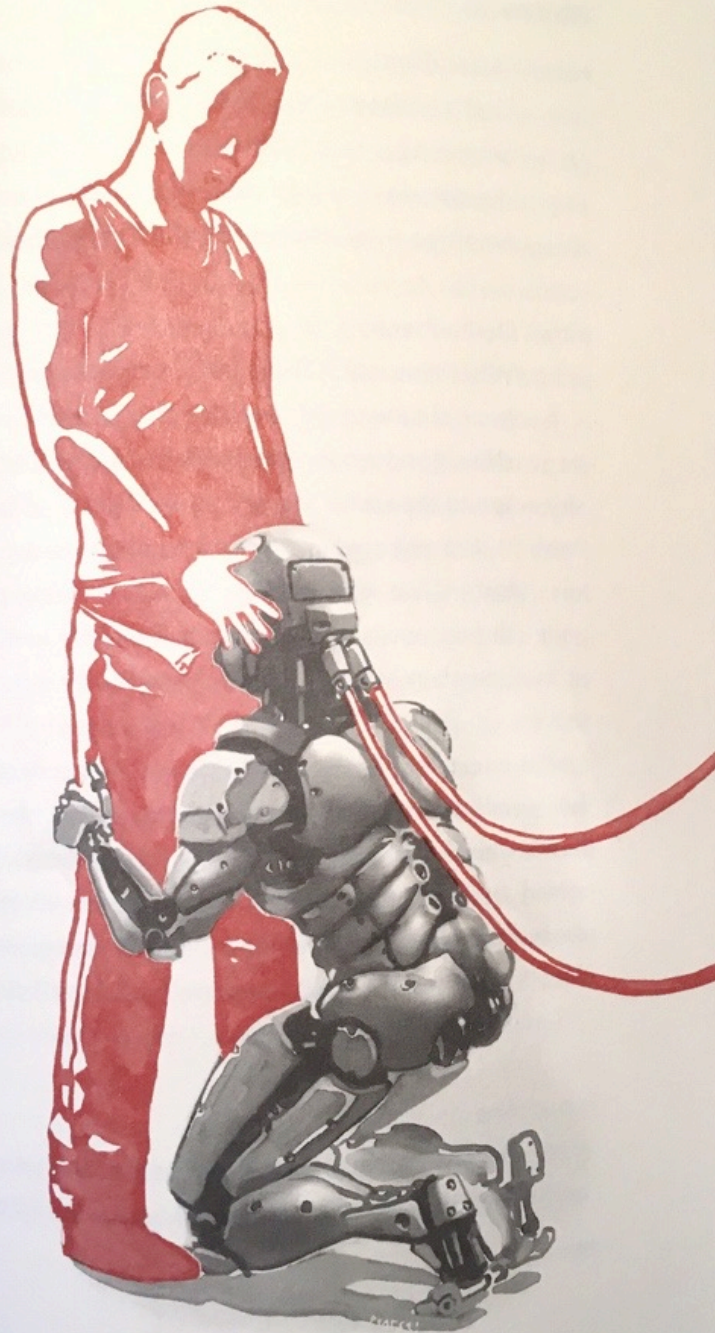
TED CHIANG

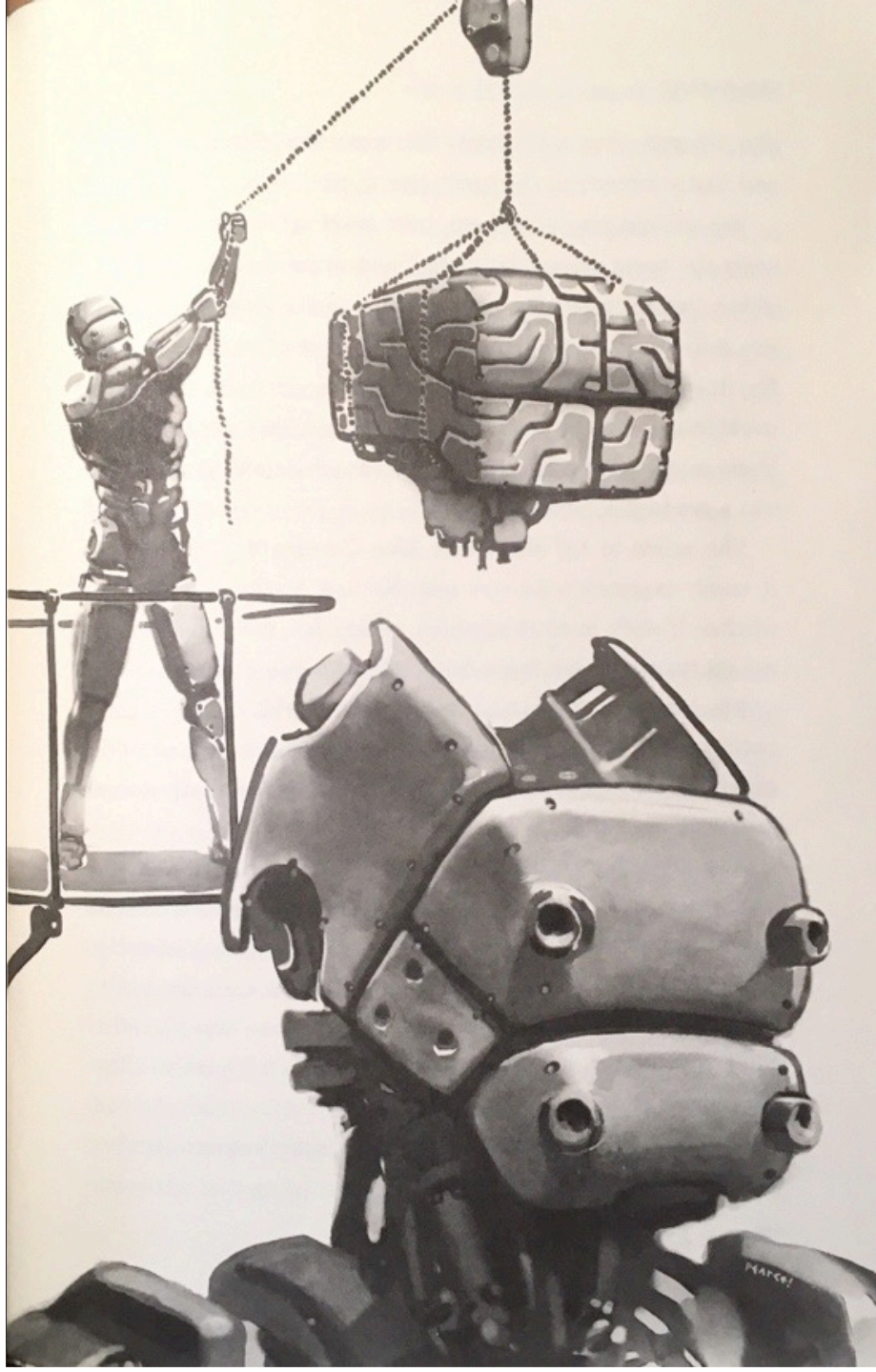






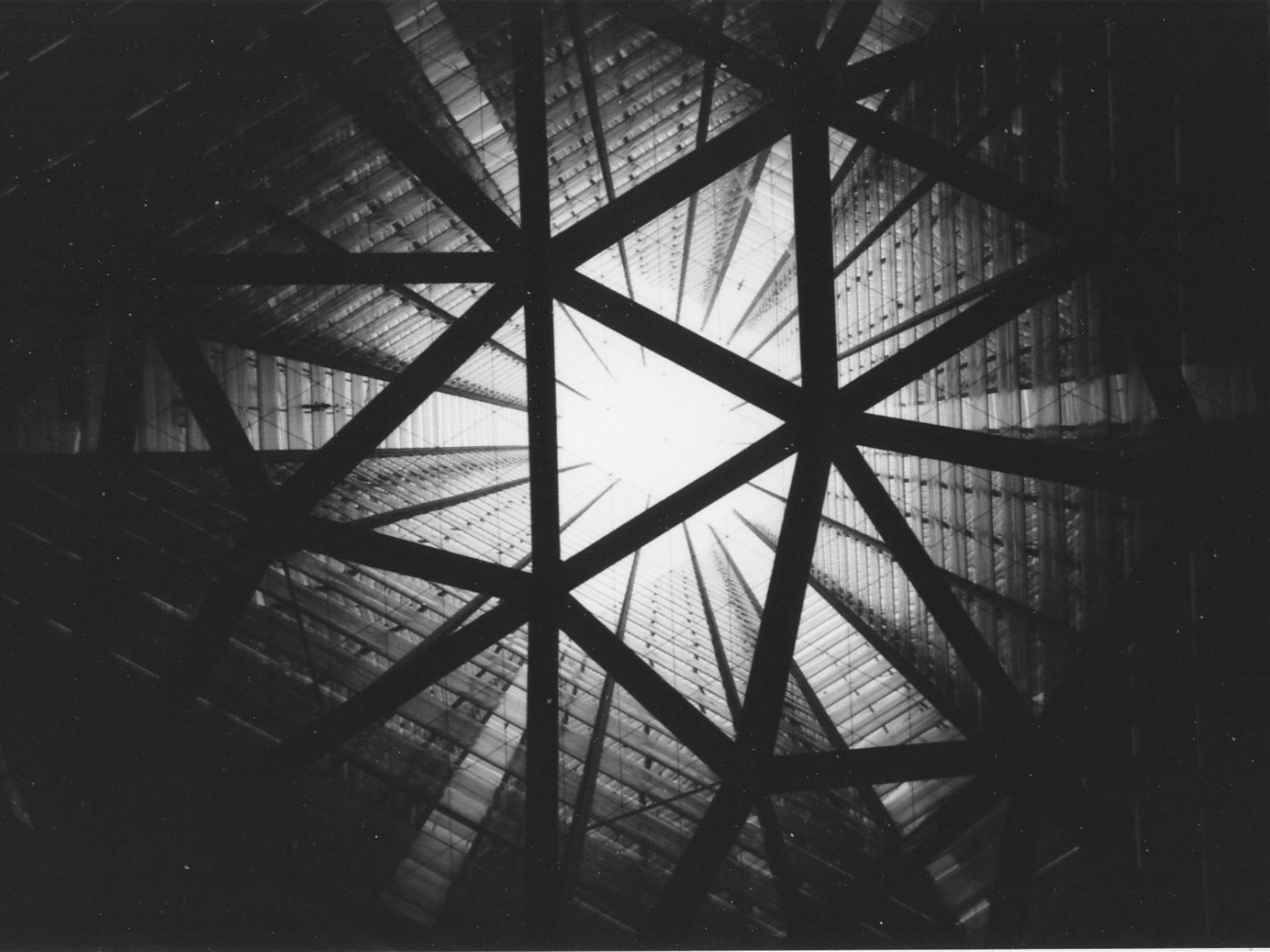












TITLE

