Hagia Sophia

Lars Grobe, Oliver Hauck, Andreas Noback, Bernd Zeimetz
“The emperor, thinking not of cost of any kind, pressed on the work, and collected together workmen from every land. Anthemius of Tralles, the most skilled in the builder's art, not only of his own but of all former times, carried forward the king's zealous intentions, organized the labours of the workmen, and prepared models of the future construction. Associated with him was another architect [Механопои̂ς] named Isidorus, a Milesian by birth, a man of intelligence, and worthy to carry out the plans of the Emperor Justinian.”

Procopius, De Aedificis 6th century A.D.
Giuliano da Sangallo 15th century
„No one ever became weary of this spectacle, but those who are in the church delight in what they see, and, when they leave, magnify it in their talk. Moreover it is impossible accurately to describe the gold, and silver, and gems, presented by the Emperor Justinian, but by the description of one part, I leave the rest to be inferred.“

Procopius, De Aedificis 6th century A.D.
Wilhelm Salzenberg 1854
"All these parts surprisingly joined to one another in the air, suspended one from another, and resting only on that which is next to them, form the work into one admirably harmonious whole, which spectators do not dwell upon for long in the mass, as each individual part attracts the eye to itself."

Procopius, De Aedificis 6th century A.D.
Henri Prost 1905
"The church is singularly full of light and sunshine; you would declare that the place is not lighted by the sun from without, but that the rays are produced within itself, such an abundance of light is poured into this church...."

Procopius, De Aedificis 6th century A.D.
"[The Church] is distinguished by indescribable beauty, excelling both in its size, and in the harmony of its measures, having no part excessive and none deficient; being more magnificent than ordinary buildings, and much more elegant than those which are not of so just a proportion."

Procopius, De Aedificis 6th century A.D.
Robert Van Nice 1937-1965
Helge Svenshon 2006
Grundriss in Höhe der Kämpferlinien
Grundriss in Höhe der Kämpferlinien

\[ r = 16\frac{1}{2} \]

\[ r = 25 \]

\[ r = 20 \]

\[ r = 15 \]

\[ r = 17 \frac{1}{2} \]

\[ r = 15 \]

\[ \theta = 11 \frac{1}{2} = \frac{140}{12} \]

\[ \frac{8}{4} = \frac{99}{12} \]

\[ \frac{9}{4} = \frac{99}{12} \]
theophanu.wiki.sourceforge.net
1 NAME = columns
2 MARKERFILE = column_markers.dxf
3 MESHES = column-aisles-architrave column-aisles pier
4 OBJECTS =
5 INSTANCES =
6 MATERIALFILE = columns.mat
7 IMAGEMAPS =
8 XFORMOPTIONS = -a 2 -mx -i 1 -a 2 -my -i 1
1 - Boot via network card (PXE), CD-ROM or floppy

DHCP request, send MAC address
get IP address, netmask, gateway
send TFTP request for kernel image
get install kernel and boot it

devices

mount nfsroot by install kernel

Now a complete Linux OS is running without using local hard disks

2 - Get configuration data

install server

install client

Debian mirror

configured by install kernel

NFS, CVS, svn or HTTP

provided via HTTP, FTP or NFS

local hard disk

3 - Run installation
Thank you.