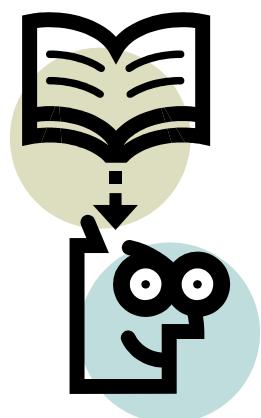


DESENHO BÁSICO – AULA 07

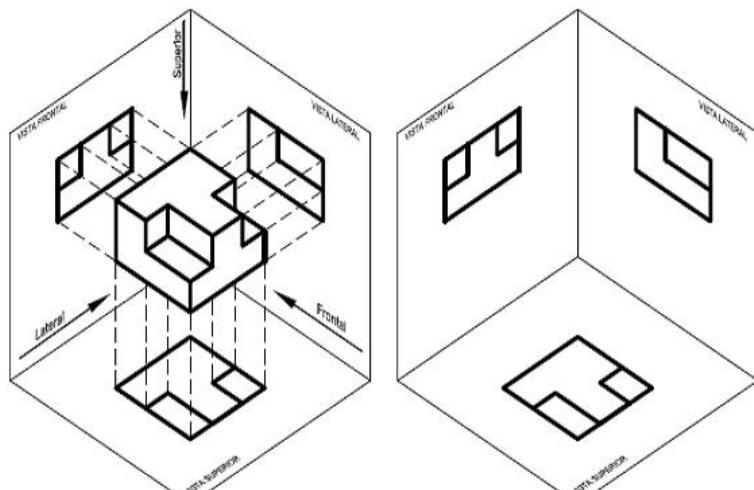
Vistas Ortográficas

Acompanhando pela apostila

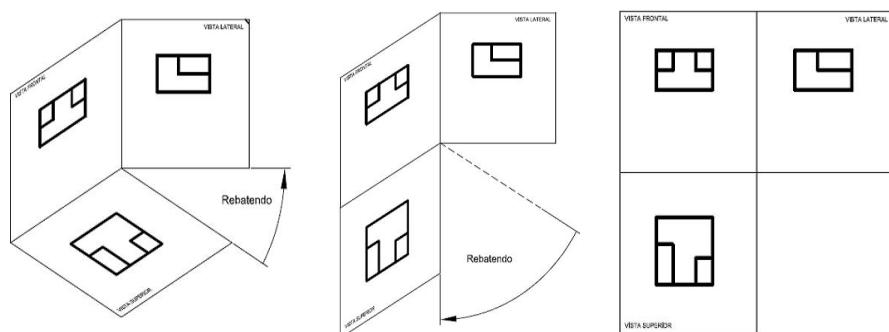


- Teoria do Desenho Projetivo Utilizado pelo Desenho Técnico
 - páginas 71 a 91
 - arquivo 10
- Sistemas de Projeções Ortogonais
 - páginas 92 a 107
 - arquivo 11
- leitura complementar opcional:
 - aulas 6 a 10 do Telecurso 2000

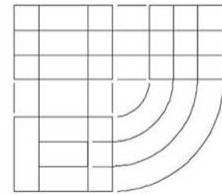
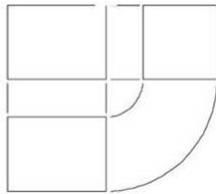
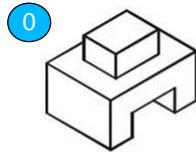
Solução do Exercício



Solução do Exercício

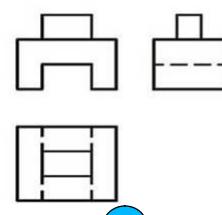
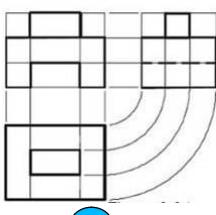


Traçado das vistas



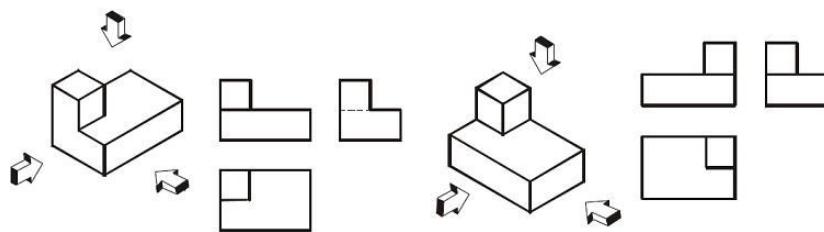
VISTAS DEVEM SER
ALINHADAS E
ADEQUADAMENTE
ESPAÇADAS

observe a utilização de
cada tipo de traço:
contínuo e fino
contínuo e forte
tracejado e médio



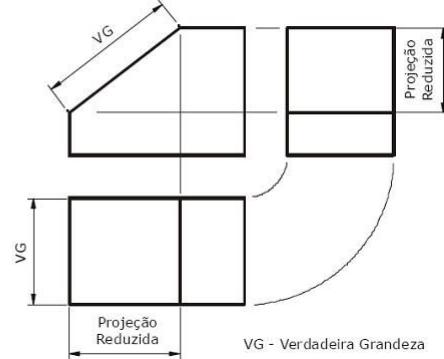
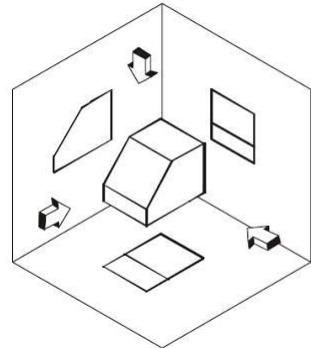
Traçado de Vistas: arestas ocultas

- arestas ocultas são representadas por linhas tracejadas:
 - mais finas que as linhas que representam as arestas visíveis
 - traços de comprimento uniforme
 - traços espaçados de um 1/3 do seu comprimento
- escolher vistas de modo a minimizar representação de arestas ocultas



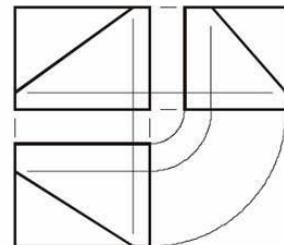
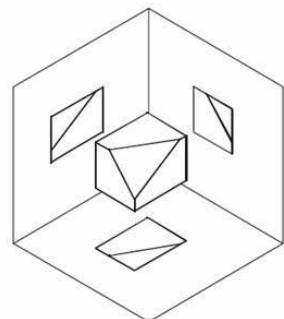
Representação de Superfícies Inclinadas

superfície perpendicular a um dos planos de projeção e inclinada em relação aos demais



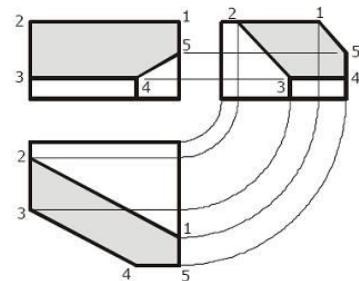
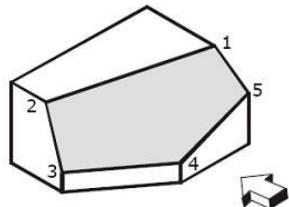
Representação de Superfícies Inclinadas

superfície inclinada em relação a todos os planos de projeção



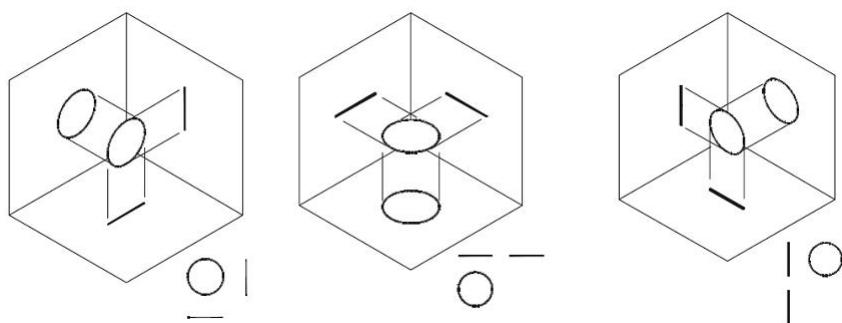
Representação de Superfícies Inclinadas

superfície inclinada em relação a todos os planos de projeção

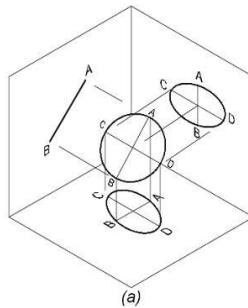


Representação de Superfícies Curvas

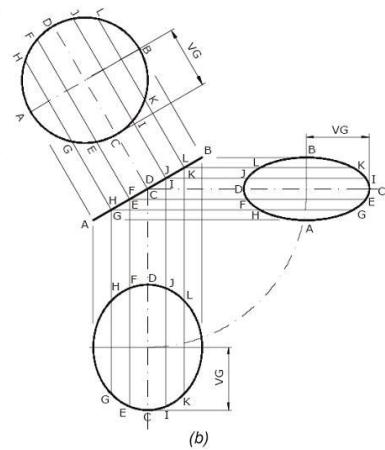
Como regra para representação, pode-se dizer que, quando não houver arestas, uma superfície curva gera linha na projeção resultante quando o raio da curva for perpendicular ao sentido de observação.



Representação de Superfícies Curvas

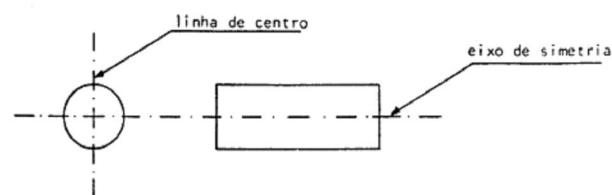
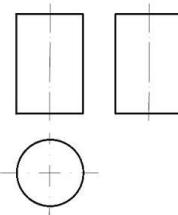
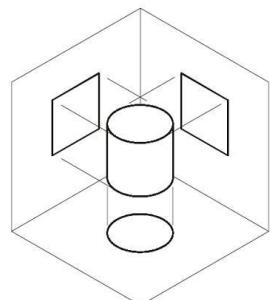


(a)



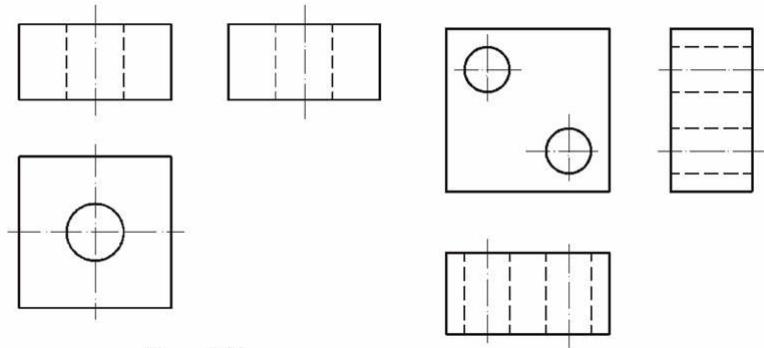
(b)

Representação de Superfícies Curvas



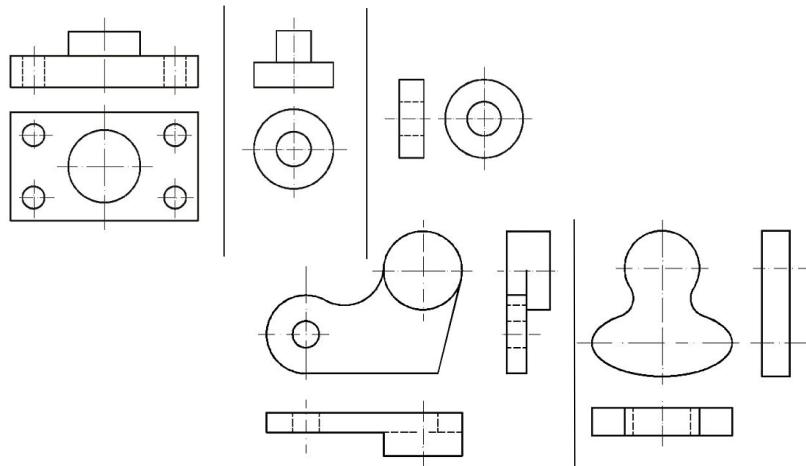
Representação de Furos

Eixo de simetria



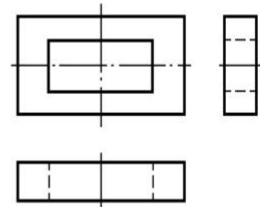
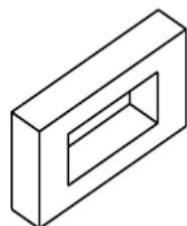
Representação de Superfícies Curvas

Linhas de Centro

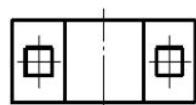
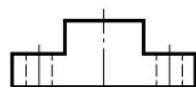
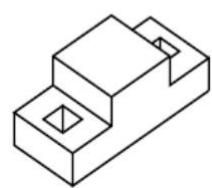
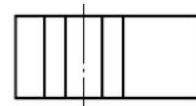
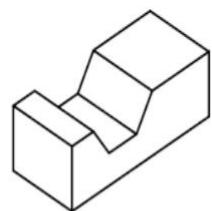


Representação de Elementos Simétricos

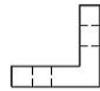
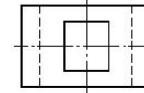
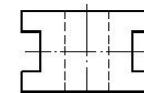
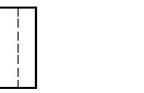
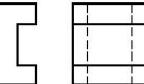
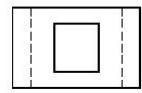
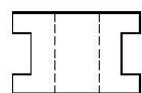
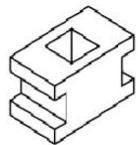
Linhas de Simetria



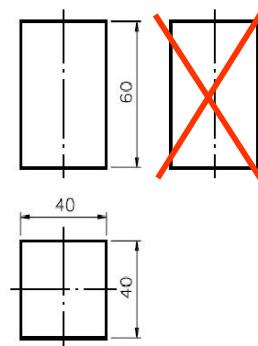
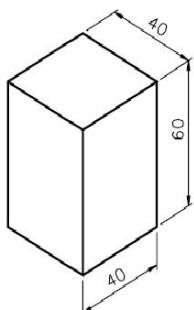
Representação de Elementos Simétricos: exercícios



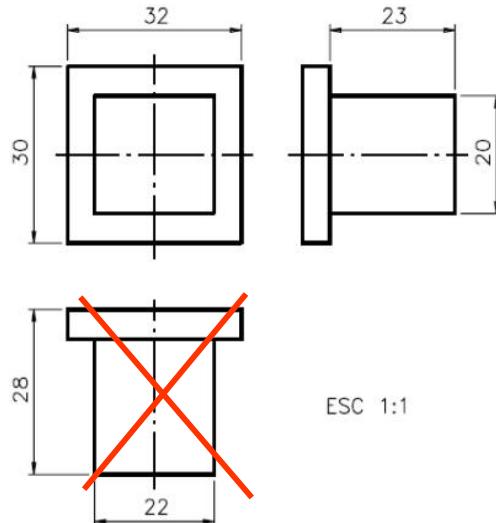
Representação de Elementos Simétricos: exercícios



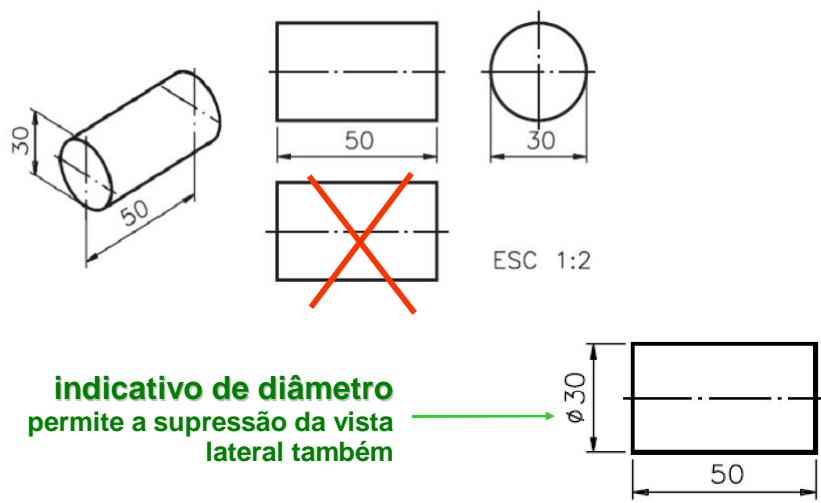
Supressão de Vistas Iguais



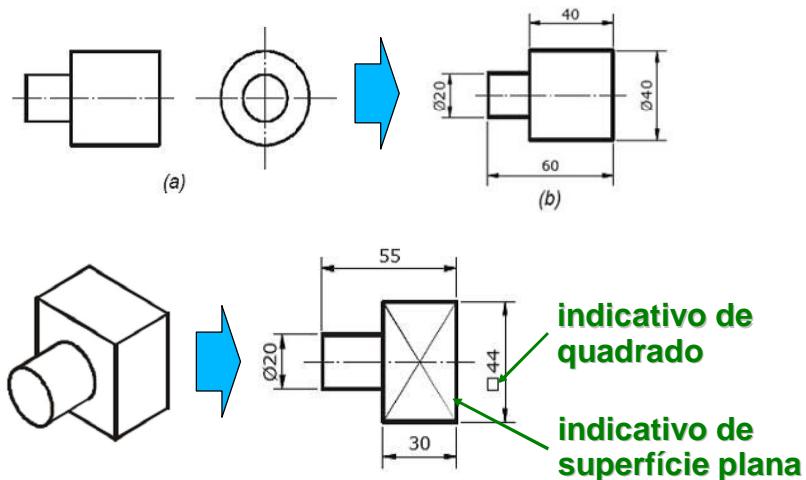
Supressão de Vistas Iguais



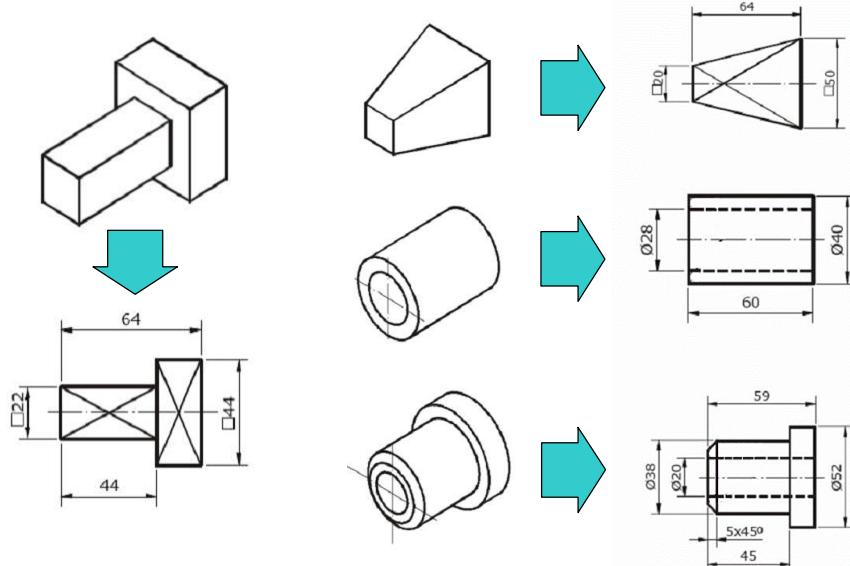
Supressão de Vistas: uso de símbolos



Supressão de Vistas: uso de símbolos



Supressão de Vistas: uso de símbolos



Exercícios

