

???? ?????????? ?????????????? ?? ?????? ??????????

????? ??? ???? ??????? ?????? ??? ?????? ?? ???? ?????? ?????
????? ??? ???? ?????? ??? ?????? ?????? ?????? ?? ???? ?????? ?????
????? ??? . ??????? ?????? ?????? ? ?????? ?????? ?????? ?????? ?????
????? ??? . ??????? ?????? ?????? ? ?????? ?????? ?????? ?????? ?????
????? ??? ???? ?????? ?????? ???? ?????? 1988 ??? ?????? ?????
??? ?????? ??? ?????? ???? ?????? ???? ?? ?????? ?????? ?????
????? ?? ?????? ?????? ?????? ???? ?????? ?? ?????? ?????? ?????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????
????? ?? ?? 7-16 ?????? ?????? ?????? ?????? ?????? ?????? ?????? 16
????? ??? ?????? ?????? ?????? ?? ?????? ?????? ?????? ?????? ?????
?? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????
??? ?????? ?????? ??? ?????? ??? ?????? ?????? ?????? ?????? ???
??? ?????? ??? ?????? ??? ?????? ?????? ??? ?????? ?????? ???
????? ??? ?????? ??? ?????? ?????? ??? ?????? ??? ?????? ???
·????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ???
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ???
????? ??? ???? ?? ?????? ?????? ?????? ?????? ?????? ?????? ???
??? ?????? ?????? ??? ?????? ??? ?????? ?????? ?????? ?????? ??????
????? ?? ?????? . ?????? ?????? ?????? ?????? ?????? ?????? ??????
????? ?? ?????? ??? ?????? ??? ?????? ?????? ?????? ?????? ??????
????? ?????? ?????? ??? ?????? ??? ?????? ?????? ?????? ?????? ??????

????? ?????? ??? ?? ?????? ?????? ??? 2004 ???

????????? ???????? ?????? ?? ??????? ??????????
???? ?? ?????????? ??????? ??????? ?? ??????????
30 ?????? ?????? ??? ??????? ?? ??????? ?? ??????????
?? ?????????? ??????? ??????? ?? ??????? ?? 60 ??????
??? ?????? ?????????? ??? ?????? ???30 ?????? ?????? ??????????
????? ?????? ??? ?????? ??????? ?????????? ??????????
????? ?????? ?????????? ??????? ?? ??????????
????????? ?????? ??? ?????? ?????????? ??????????
?? ?????????? ?????????? ?????????? ??? ?????? ??? ??????
????????? ??? ?????? ??? ?????? ??? ?????? ?? ??????????
????????? ?????? ?????????? ??????? ?????????? ??????????
?????????. ?????????? ?????????? ??? ?????? ??? ??????
???? ?????? ??? ?????? ??? ?????? ?????? ?????????? ??????????
????????? ?????? ?????????? ?????? ?????? ?????????? ??????????
????????? ?????? ?????????? ?????? ?????? ?????????? ??????????
????????? ?????? ?????????? ?????? ?????? ?????????? ??????????
????????? , ??? ?????? ??? ?????? ?????? ?? 24 ?????? ?????????? ?? ???
????? ?????????? ?? ?????? ??? ?????????? ?????? ?????????? ?????????? 12
????? ?????? ?? ?????? ??? ?????? ?????? ?????? ?????????? ??????????
????? ?????? ?? ?????? , ?????? ?????? ?????? 12 ?????? ??????????
?? ??? ?????? ?????????? ?????????? ?????? ?????????? ?????????? ??????????
????? ?????? ?????? ?????? ?????? ?????????? ?? ??? ?????? ?????? ?????? ??????
????? ?????? ?????? ?????? ?????????? ?????? ?????????? ?????????? ??? ??
????? ?????????? ?????? ???? ?????? ?????? ?????? ?????? ?????? ??????????
????? ??? ??? ??? ??? ??? ??? ?????????? ?????? ?????????? ?????????? ??
· ??????????

??? ?????? ??? ?????? ,???? ?????? " ??? ??? ??????
???? ?? ?????????????? ?????? ?????? ?????????? ?????? ??
????? ?????? ?????? ?????? ?????? ?????? : ??? ?????? ??? ???
????? ?????? ??? ??? ?????? ?????? ?????? ?????? ?????? ???
1-????? ?????????? ?? ??? ?????? ?????? ?????? ?????? ?????? ???
???????

2- ?? ?????? ??? ?????? ??? ?????? ??? ?????? ?? ?????? ??
????????? ?? ?????? ??? ?????? ?? ??????

3- ?? ??? ???? ??? ?????? ?? ?????????? ??? ?????? ?????????? ??
????? ?????? ?????? ??????

?? ?????? ?????? ?????? ?????? ?????? ?????????? ?????????? ?? ??????
????????? ?????? ?????? ?????????? ?????? ?????? ?????????? ??????????
????? ?? ?????? ??? ?????? ??? ?????? ?? ?????? ?????? ???
?????? ?????? ?????? ?????? ?????????? ?????? ?? ?????? ??????????
????????? ?????? ?????? ?????????? ?????? ?????????? ?????????? ???.
????? ??? ?????? ?? 14 ?????? ?????? ?? ??? ?????? ?????? ??????
?????? ?????? ?? ??? 7-11????? ?????? ?????? ?? ??? 55- 69
????? ?????? ?????? (????? ?????? ?????? ?????? ?????????? ??????)
??? ?????? ??? ?????????? ?????? ?????? ??? ?????? ?????? ??????)?
?? ?????? ??? ?????? ?????? ??? ?????? ??? ?????? ?????? ??? ??????
????? ?????? ??? ?????? ?? ?????? ??? ?????? ?? 7 ?????? ?? ??????
????????? ?????? ?????? ?????? ?????? ?????? ?????? ?????????? ??????
????????? 25 ??? ?????? ?? ?????? ?? ?????? 35 ??? ?????? ??????
?????? ??? ?????? ?????? .????? ??????: ?????? ??????
????? ?? ?????? ?? :1) ?????? ??? ?????? ?????? ?????? ??????
????? ??? ?????? ?????? ?????? 1978. 2) ?????? ?????? ??????
????? ?????? ?????? ?????? ?????? ?????? ?????? 1987. 3) ?????
????????? ?????? ?????? ?????? ??????. ??? ?????? ?????? ?????? ??
????????? ?? ?????? ?????? ?????? ?????? ?????? ?????? ??? ??????
????????? ?????? ?????? ?????? ?????? ?????? ?????? ??????????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????
1) ??? ?????? ??? ?????? ?????? ?????? ?????? ?????? 0.05 ???
????????? ??? ?????? ?????? ?????? ?????????? (?????????- ??????)
??? ?????? ?????? ?????? ?????? ?????? ?????? ?? ?????? ??????

????? ?????????? ???? ?????????? ?????????? .2 ???? ???? ????
????? ?????? ??? ?????? ?????? 0.05 ??? ?????? ????
????? ?????? ?????????? (?????????- ??????) ??? ??????
????????? ?????? ?????????? ?????????? ?? ?????? ?????? ????
????????? ?????? ?????????? ?????????? ????.

3) ?? ??? ?????? ??? ?????? ?????? ?????? ??? ?????? ?????? 0.05
?? ?????? ??? ?????? ?????? ?????? ?????? ?????? ?????? ????
????? ?????????? ??? ?????????? ?? ?????? ?? ??????
????????? ??? ?????? ?????? ?????? ?????? ?????????? ??
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????.
4) ?? ??? ?????? ??? ?????? ?????? ?????? ??? ?????? ?????? 0.05
?? ?????? ??? ?????? ?????? ?????? ?????? ?????? ??? ??????
????? ?????? ?????? ?? ?????? ?????? ?????? ?????? ??????
?? ?????? ?????? ??? ?????? ?????? ?????? ?????? ??????
????????? ?????? ?????? ?????? ?????? ?????? ??????.

??? ??? ?????? ??? ?????? ??? ?????? ?????? ?????? ?????? ?????? ??
????? ?? ??? ?????? ??? ?????? ?????? ?? ?????? ??? .??? ??? ??????
? ?????? ??? ?????? ?????? ?????? ?????? ?????? ?? ?????? ??????
?? ?????? ??? ?????? ?????? ?? ?????? ??? ?????????? ??? ?????? ??????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??? ??????
????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? 58 ?? ??????
????? ?? ?????? ?????? ?????? ?????? ?? ?????? ?????? ?????? ?????? ???
?? ??? ?????? ?????? ??? ?????? ?????? ?????? ?????? ?????? ?????? ??? ??????
????????? ?? 32 ????

????? ?????? ?????? ?????? ?????????? ?????? ??? ?????? ???
????? ?????????? ?? ??? ?????? ?????? ?????? ?????? ?????? ????
????? ?? ?????? ?????? ?????? " ?????? ?? ?????? ?????? ??????
??? ?????? ??? ?????? ?????? ?????? ?????? ?????? ?????? ??????
????? ??? ?????? ?????? ?????? ?????? ?????? ?? ??? ?????? ??????
????????? ??? ?????? ?????? ?????? ?????? ?? ?????? ?????? ??????
????? ?? ?????? ?????? ?????? ??????: (????? ?????? ?????? ??????)
????? ??? ?????? ?????? ?????? ?????? ?????? ?????? ??? ??????
????? ?????? ?????? ??? ?????? ?????? ?????? ?????? (160) ?????? ??????
????? ?????? ?????? ??? ?????? ?????? ?????? ?????? ?????? ??????.

???? ?????? ??????? ??????? ?? ??????? ?????? ????? ??????? ??????? ??????? ???????
?????? ?? ??????? ??????? ??????? ??????? ?? ?????? ?????? ??????? ??????? ???????
?????? ????? : ?????? ??????? ?????? ?????? ?????? ??????? ??????? ??????? ???????
?????? ?????? ?????? ??????? ?? ?????? ?????? ?(89) ?????? ??????.
?????? ??????? ??????? ?????? ??????? ??????? ??????? ??????? ??????? ???????
?????? ?????? . ?????? ?? ?????? ?????? ?????? (110) ?????? ??????
?????? ??? ?????? ??????? ??????? ?? ??? ?????? ?????? ??????? ??????? ??? ??
????? ?????? ?????? ????: "????? ??????? ????????" ??????? ?????? ??????
(0.75). ?? ??? ?? ?????? ?????? ?????? ??? ?????? ?????? ?????? ??????
??? ??? ??????: ??? "????? ????????" ?????? ?????? (0.66)?
????? "??????" ?????? ?????? (0.65)? ?????? "??????" ????????"
????? ?????? (0.47). ?????? ??????? ?????? ?????? ?????? ??? ??????
????? ?????? ????: ??? ?????? "??????" ?????? ????????" ??????
(0.32)? ?"??????" ??? ?????? ??????" ?????? (0.31)? ?????? "?????
?????? ??????"? ? "??????" ??????" ?????? (0.28) ??? ??????
. ??? ?????? ??????? ??? ?????? ?????? ?????? ?????? ?? ??? ??????
????? ??? ?? ?????? ?????? ?????? ????: ??? "??????" ????????"
????? (0.68). ?? ??? ??? ?????? ?????? ?????? ??? ?????? ?????? ??????
????? ??? ??????: ??? "??????" ?????? (0.66)? ?????? "?????
??????" ?????? (0.55)? ?????? "??????" ????????" ?????? (0.37).
??? ??? ?????? ?????? ?????? ??? ?????? ??? ?????? ??? ?????? ??????
????? ????: ??? "??????" ?????? ??????" ?????? (0.33)? ?"?????
????? ?????? ??????"? ?????? "??????" ?????? ??????" ?????? ??????"
0.03. ?????? (0.31) ??? ?????? ?????? "??????" ??????" ??????
?? ??? ?????? ?????? ?? ??? ?????? ??? ?????? ?? ??? ?????? ??????
????? ?????? ?? ??? ?????? ??? ?????? ?? ??? ?????? ?? ??? ?????? ??????
????? ?????? ?? ??? ?????? ??? ?????? ?? ??? ?????? ?? ??? ??????
????? ?????? ?????? ?? ??? ?????? ?????? ?? ??? ?????? ?? ??? ??????
????? ?????? ?????? ?? ??? ?????? ?????? ?? ??? ?????? ?? ??? ??????
????? ?????? ?????? ?? ??? ?????? ?????? ?? ??? ?????? ?? ??? ??????
????? ?????? ?????? ?? ??? ?????? ?????? ?? ??? ?????? ?? ??? ??????
????? ?????? ?????? ?? ??? ?????? ?????? ?? ??? ?????? ?? ??? ??????
????? ?????? ?????? ?? ??? ?????? ?????? ?? ??? ?????? ?? ??? ??????

?????? 83 ????? ??????? ?????? ????. ????. ????? ??????? ???????
???? ???. ????? ??????? ?????? ?????? ?????? ?????? ???????
??? ????? ??????? ??? ?? ?? ??? ????? ?? ??????? ?????????? ????
?????? ??? . ?????? ????? ??????? ?? ??? ????? ??? ?? ???
?????? ??????? ??????? ?? ????? ??????? ??????? ??? ??
????? ??? ?????? ??????? ?? ?????? ??????? ??????? ??? ??
????????? ??????? ?????????? ??? ?????????? ??? ?????????? ???????
????????? ?????????? ??? ??????? ??? ?????? ??????? ?? ???
????? ?????? ??? ?????? ?? ?????? ?????? ??????? ??????? ?? ???
????????? ??????? .

????? ??? ??????? ??????? ??????? ??????? ??????? ?? ???
?????? ??? ????? ??????? ??????? ??? ?????? ???????
??? ?? ??? ?????? ???2003???? ??? ????? ??? ??? ?????
????, ??????? ?????? ?????? ??????) (Gerber, Banbury , Miller, & Griffen ???
?????? ??? ??? ?????? ??????? ??? ?????? ??????? ?? ???
????????? ??????? ??????? ??????? ?????? ?????? ??????? ??
?????? ??????? ??????? ?????? ?????? ?????? ??????? ???????
?????? ??? ??? ?????? , ??? ??? ?? ????? 50% ??? ?????
????? ?? ????????, ?? ??? ????? ?????? ?????????? ??????? , ???
71% ??? ????? ?????? ?????? ??????? ?? ?????? ?? ??????? ??
??? ??? ?????? ?????? ??????? ?? ?????? ??????? ???????
?????? ??????? ??????? ?????? ?????? ?????? ?????????? , ??? ???
????? 68% ?? ??????? ?? ?????? ?????? ?? ?? ????????, ??
. ?????? ??? ??? ?????? ?????? ?????? ??????? ??????? ???????
??? ?????? ??? ?????? ?????? ,????? ?????? " ??? ??? ?????
???? ?? ?????????????? ?????? ?????? ?????????? ?????? ??
?????? ??????? ??????? ?????? ?????? : ??? ?????? ??? ???
????????? ??? ??? ?????? ?????? ??????? ??????? ??? ??
1-????? ??????? ?? ??? ?????? ?????? ?????? ??????? ???
??????

2- ?? ?????? ??? ?????? ??? ?????? ??? ?????? ?? ?????? ?? ?????? ???
????????? ?? ?????? ??? ?????? ?? ??????

3- ?? ??? ?????? ??? ?????? ?? ?????????? ??? ?????? ?????????? ??
. ?????? ?????? ?????? ?????? ??????

?????????
