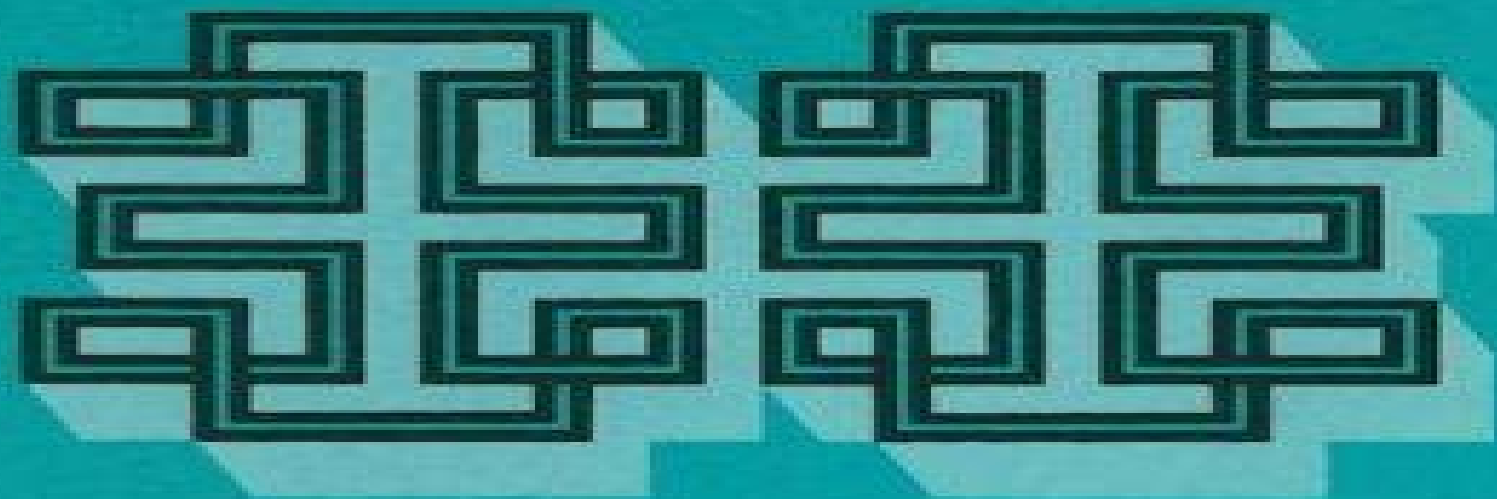


The Apocryphon of  
Jannes & Jambres the Magicians

*Edited with Introduction,  
Translation & Commentary  
by*  
Albert Pietersma



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# The Apocryphon Of Jannes And Jambres The Magicians

**Lingjun Ying**



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web design of column ebcs 2 3 3 shell structures three aspects are presented the physical behaviour the structural analysis and the design of shells in a simple integrated and yet concise fashion thus the book contains three major aspects of shell engineering 1 physical understanding of shell behaviour 2 use of applied shell theories

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web dec 9 2017 contd design moments in braced columns maximum design column moment greatest of a  $m_2$  b  $m_1$  c  $m_1$  d  $m_2$  e  $m_1$  f  $m_2$  g  $m_1$  h  $m_2$  i  $m_1$  j  $m_2$  k  $m_1$  l  $m_2$  m  $m_1$  n  $m_2$  o  $m_1$  p  $m_2$  q  $m_1$  r  $m_2$  s  $m_1$  t  $m_2$  u  $m_1$  v  $m_2$  w  $m_1$  x  $m_2$  y  $m_1$  z  $m_2$  aa  $m_1$  ab  $m_2$  ac  $m_1$  ad  $m_2$  ae  $m_1$  af  $m_2$  ag  $m_1$  ah  $m_2$  ai  $m_1$  aj  $m_2$  ak  $m_1$  al  $m_2$  am  $m_1$  an  $m_2$  ao  $m_1$  ap  $m_2$  aq  $m_1$  ar  $m_2$  as  $m_1$  at  $m_2$  au  $m_1$  av  $m_2$  aw  $m_1$  ax  $m_2$  ay  $m_1$  az  $m_2$  ba  $m_1$  bb  $m_2$  bc  $m_1$  bd  $m_2$  be  $m_1$  bf  $m_2$  bg  $m_1$  bh  $m_2$  bi  $m_1$  bj  $m_2$  bk  $m_1$  bl  $m_2$  bm  $m_1$  bn  $m_2$  bo  $m_1$  bp  $m_2$  bq  $m_1$  br  $m_2$  bs  $m_1$  bt  $m_2$  bu  $m_1$  bv  $m_2$  bw  $m_1$  bx  $m_2$  by  $m_1$  bz  $m_2$  ca  $m_1$  cb  $m_2$  cc  $m_1$  cd  $m_2$  ce  $m_1$  cf  $m_2$  cg  $m_1$  ch  $m_2$  ci  $m_1$  cj  $m_2$  ck  $m_1$  cl  $m_2$  cm  $m_1$  cn  $m_2$  co  $m_1$  cp  $m_2$  cq  $m_1$  cr  $m_2$  cs  $m_1$  ct  $m_2$  cu  $m_1$  cv  $m_2$  cw  $m_1$  cx  $m_2$  cy  $m_1$  cz  $m_2$  da  $m_1$  db  $m_2$  dc  $m_1$  dd  $m_2$  de  $m_1$  df  $m_2$  dg  $m_1$  dh  $m_2$  di  $m_1$  dj  $m_2$  dk  $m_1$  dl  $m_2$  dm  $m_1$  dn  $m_2$  do  $m_1$  dp  $m_2$  dq  $m_1$  dr  $m_2$  ds  $m_1$  dt  $m_2$  du  $m_1$  dv  $m_2$  dw  $m_1$  dx  $m_2$  dy  $m_1$  dz  $m_2$  ea  $m_1$  eb  $m_2$  ec  $m_1$  ed  $m_2$  ee  $m_1$  ef  $m_2$  eg  $m_1$  eh  $m_2$  ei  $m_1$  ej  $m_2$  ek  $m_1$  el  $m_2$  em  $m_1$  en  $m_2$  eo  $m_1$  ep  $m_2$  eq  $m_1$  er  $m_2$  es  $m_1$  et  $m_2$  eu  $m_1$  ev  $m_2$  ew  $m_1$  ex  $m_2$  ey  $m_1$  ez  $m_2$  fa  $m_1$  fb  $m_2$  fc  $m_1$  fd  $m_2$  fe  $m_1$  ff  $m_2$  fg  $m_1$  fh  $m_2$  fi  $m_1$  fj  $m_2$  fk  $m_1$  fl  $m_2$  fm  $m_1$  fn  $m_2$  fo  $m_1$  fp  $m_2$  fq  $m_1$  fr  $m_2$  fs  $m_1$  ft  $m_2$  fu  $m_1$  fv  $m_2$  fw  $m_1$  fx  $m_2$  fy  $m_1$  fz  $m_2$  ga  $m_1$  gb  $m_2$  gc  $m_1$  gd  $m_2$  ge  $m_1$  gf  $m_2$  gg  $m_1$  gh  $m_2$  gi  $m_1$  gj  $m_2$  gk  $m_1$  gl  $m_2$  gm  $m_1$  gn  $m_2$  go  $m_1$  gp  $m_2$  gq  $m_1$  gr  $m_2$  gs  $m_1$  gt  $m_2$  gu  $m_1$  gv  $m_2$  gw  $m_1$  gx  $m_2$  gy  $m_1$  gz  $m_2$  ha  $m_1$  hb  $m_2$  hc  $m_1$  hd  $m_2$  he  $m_1$  hf  $m_2$  hg  $m_1$  hh  $m_2$  hi  $m_1$  hj  $m_2$  hk  $m_1$  hl  $m_2$  hm  $m_1$  hn  $m_2$  ho  $m_1$  hp  $m_2$  hq  $m_1$  hr  $m_2$  hs  $m_1$  ht  $m_2$  hu  $m_1$  hv  $m_2$  hw  $m_1$  hx  $m_2$  hy  $m_1$  hz  $m_2$  ia  $m_1$  ib  $m_2$  ic  $m_1$  id  $m_2$  ie  $m_1$  if  $m_2$  ig  $m_1$  ih  $m_2$  ii  $m_1$  ij  $m_2$  ik  $m_1$  il  $m_2$  im  $m_1$  in  $m_2$  io  $m_1$  ip  $m_2$  iq  $m_1$  ir  $m_2$  is  $m_1$  it  $m_2$  iu  $m_1$  iv  $m_2$  iw  $m_1$  ix  $m_2$  iy  $m_1$  iz  $m_2$  ja  $m_1$  jb  $m_2$  jc  $m_1$  jd  $m_2$  je  $m_1$  jf  $m_2$  jg  $m_1$  jh  $m_2$  ji  $m_1$  jj  $m_2$  jk  $m_1$  jl  $m_2$  jm  $m_1$  jn  $m_2$  jo  $m_1$  jp  $m_2$  jq  $m_1$  jr  $m_2$  js  $m_1$  jt  $m_2$  ju  $m_1$  jv  $m_2$  jw  $m_1$  jx  $m_2$  jy  $m_1$  jz  $m_2$  ka  $m_1$  kb  $m_2$  kc  $m_1$  kd  $m_2$  ke  $m_1$  kf  $m_2$  kg  $m_1$  kh  $m_2$  ki  $m_1$  kj  $m_2$  kk  $m_1$  kl  $m_2$  km  $m_1$  kn  $m_2$  ko  $m_1$  kp  $m_2$  kq  $m_1$  kr  $m_2$  ks  $m_1$  kt  $m_2$  ku  $m_1$  kv  $m_2$  kw  $m_1$  kx  $m_2$  ky  $m_1$  kz  $m_2$  la  $m_1$  lb  $m_2$  lc  $m_1$  ld  $m_2$  le  $m_1$  lf  $m_2$  lg  $m_1$  lh  $m_2$  li  $m_1$  lj  $m_2$  lk  $m_1$  ll  $m_2$  lm  $m_1$  ln  $m_2$  lo  $m_1$  lp  $m_2$  lq  $m_1$  lr  $m_2$  ls  $m_1$  lt  $m_2$  lu  $m_1$  lv  $m_2$  lw  $m_1$  lx  $m_2$  ly  $m_1$  lz  $m_2$  ma  $m_1$  mb  $m_2$  mc  $m_1$  md  $m_2$  me  $m_1$  mf  $m_2$  mg  $m_1$  mh  $m_2$  mi  $m_1$  mj  $m_2$  mk  $m_1$  ml  $m_2$  mn  $m_1$  mo  $m_2$  mp  $m_1$  mq  $m_2$  mr  $m_1$  ms  $m_2$  mt  $m_1$  mu  $m_2$  mv  $m_1$  mw  $m_2$  mx  $m_1$  my  $m_2$  mz  $m_2$  na  $m_1$  nb  $m_2$  nc  $m_1$  nd  $m_2$  ne  $m_1$  nf  $m_2$  ng  $m_1$  nh  $m_2$  ni  $m_1$  nj  $m_2$  nk  $m_1$  nl  $m_2$  nm  $m_1$  no  $m_2$  np  $m_1$  np  $m_2$  oq  $m_1$  or  $m_2$  os  $m_1$  ot  $m_2$  ou  $m_1$  ov  $m_2$  ow  $m_1$  ox  $m_2$  oy  $m_1$  oz  $m_2$  pa  $m_1$  pb  $m_2$  pc  $m_1$  pd  $m_2$  pe  $m_1$  pf  $m_2$  pg  $m_1$  ph  $m_2$  pi  $m_1$  pj  $m_2$  pk  $m_1$  pl  $m_2$  pm  $m_1$  pn  $m_2$  po  $m_1$  pp  $m_2$  pq  $m_1$  pr  $m_2$  ps  $m_1$  pt  $m_2$  pu  $m_1$  pv  $m_2$  pw  $m_1$  px  $m_2$  py  $m_1$  pz  $m_2$  qa  $m_1$  qb  $m_2$  qc  $m_1$  qd  $m_2$  qe  $m_1$  qf  $m_2$  qg  $m_1$  qh  $m_2$  qi  $m_1$  qj  $m_2$  qk  $m_1$  ql  $m_2$  qm  $m_1$  qn  $m_2$  qo  $m_1$  qp  $m_2$  qq  $m_1$  qr  $m_2$  qs  $m_1$  qt  $m_2$  qu  $m_1$  qv  $m_2$  qw  $m_1$  qx  $m_2$  qy  $m_1$  qz  $m_2$  ra  $m_1$  rb  $m_2$  rc  $m_1$  rd  $m_2$  re  $m_1$  rf  $m_2$  rg  $m_1$  rh  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$m_2$  yi  $m_1$  yj  $m_2$  yk  $m_1$  yl  $m_2$  ym  $m_1$  yn  $m_2$  yo  $m_1$  yp  $m_2$  yq  $m_1$  yr  $m_2$  ys  $m_1$  yt  $m_2$  yu  $m_1$  yv  $m_2$  yw  $m_1$  yx  $m_2$  yy  $m_1$  yz  $m_2$  za  $m_1$  zb  $m_2$  zc  $m_1$  zd  $m_2$  ze  $m_1$  zf  $m_2$  zg  $m_1$  zh  $m_2$  zi  $m_1$  zj  $m_2$  zk  $m_1$  zl  $m_2$  zm  $m_1$  zn  $m_2$  zo  $m_1$  zp  $m_2$  zq  $m_1$  zr  $m_2$  zs  $m_1$  zt  $m_2$  zu  $m_1$  zv  $m_2$  zw  $m_1$  zx  $m_2$  zy  $m_1$  zz  $m_2$  aa  $m_1$  ab  $m_2$  ac  $m_1$  ad  $m_2$  ae  $m_1$  af  $m_2$  ag  $m_1$  ah  $m_2$  ai  $m_1$  aj  $m_2$  ak  $m_1$  al  $m_2$  am  $m_1$  an  $m_2$  ao  $m_1$  ap  $m_2$  aq  $m_1$  ar  $m_2$  as  $m_1$  at  $m_2$  au  $m_1$  av  $m_2$  aw  $m_1$  ax  $m_2$  ay  $m_1$  az  $m_2$  ba  $m_1$  bb  $m_2$  bc  $m_1$  bd  $m_2$  be  $m_1$  bf  $m_2$  bg  $m_1$  bh  $m_2$  bi  $m_1$  bj  $m_2$  bk  $m_1$  bl  $m_2$  bm  $m_1$  bn  $m_2$  bo  $m_1$  bp  $m_2$  bq  $m_1$  br  $m_2$  bs  $m_1$  bt  $m_2$  bu  $m_1$  bv  $m_2$  bw  $m_1$  bx  $m_2$  by  $m_1$  bz  $m_2$  ca  $m_1$  cb  $m_2$  cc  $m_1$  cd  $m_2$  ce  $m_1$  cf  $m_2$  cg  $m_1$  ch  $m_2$  ci  $m_1$  cj  $m_2$  ck  $m_1$  cl  $m_2$  cm  $m_1$  cn  $m_2$  co  $m_1$  cp  $m_2$  cq  $m_1$  cr  $m_2$  cs  $m_1$  ct  $m_2$  cu  $m_1$  cv  $m_2$  cw  $m_1$  cx  $m_2$  cy  $m_1$  cz  $m_2$  da  $m_1$  db  $m_2$  dc  $m_1$  dd  $m_2$  de  $m_1$  df  $m_2$  dg  $m_1$  dh  $m_2$  di  $m_1$  dj  $m_2$  dk  $m_1$  dl  $m_2$  dm  $m_1$  dn  $m_2$  do  $m_1$  dp  $m_2$  dq  $m_1$  dr  $m_2$  ds  $m_1$  dt  $m_2$  du  $m_1$  dv  $m_2$  dw  $m_1$  dx  $m_2$  dy  $m_1$  dz  $m_2$  ea  $m_1$  eb  $m_2$  ec  $m_1$  ed  $m_2$  ee  $m_1$  ef  $m_2$  eg  $m_1$  eh  $m_2$  ei  $m_1$  ej  $m_2$  ek  $m_1$  el  $m_2$  em  $m_1$  en  $m_2$  eo  $m_1$  ep  $m_2$  eq  $m_1$  er  $m_2$  es  $m_1$  et  $m_2$  eu  $m_1$  ev  $m_2$  ew  $m_1$  ex  $m_2$  ey  $m_1$  ez  $m_2$  fa  $m_1$  fb  $m_2$  fc  $m_1$  fd  $m_2$  fe  $m_1$  ff  $m_2$  fg  $m_1$  fh  $m_2$  fi  $m_1$  fj  $m_2$  fk  $m_1$  fl  $m_2$  fm  $m_1$  fn  $m_2$  fo  $m_1$  fp  $m_2$  fq  $m_1$  fr  $m_2$  fs  $m_1$  ft  $m_2$  fu  $m_1$  fv  $m_2$  fw  $m_1$  fx  $m_2$  fy  $m_1$  fz  $m_2$  ga  $m_1$  gb  $m_2$  gc  $m_1$  gd  $m_2$  ge  $m_1$  gf  $m_2$  gg  $m_1$  gh  $m_2$  gi  $m_1$  gj  $m_2$  gk  $m_1$  gl  $m_2$  gm  $m_1$  gn  $m_2$  go  $m_1$  gp  $m_2$  gq  $m_1$  gr  $m_2$  gs  $m_1$  gt  $m_2$  gu  $m_1$  gv  $m_2$  gw  $m_1$  gx  $m_2$  gy  $m_1$  gz  $m_2$  ha  $m_1$  hb  $m_2$  hc  $m_1$  hd  $m_2$  he  $m_1$  hf  $m_2$  hg  $m_1$  hh  $m_2$  hi  $m_1$  hj  $m_2$  hk  $m_1$  hl  $m_2$  hm  $m_1$  hn  $m_2$  ho  $m_1$  hp  $m_2$  hq  $m_1$  hr  $m_2$  hs  $m_1$  ht  $m_2$  hu  $m_1$  hv  $m_2$  hw  $m_1$  hx  $m_2$  hy  $m_1$  hz  $m_2$  ia  $m_1$  ib  $m_2$  ic  $m_1$  id  $m_2$  ie  $m_1$  if  $m_2$  ig  $m_1$  ih  $m_2$  ii  $m_1$  ij  $m_2$  ik  $m_1$  il  $m_2$  im  $m_1$  in  $m_2$  io  $m_1$  ip  $m_2$  iq  $m_1$  ir  $m_2$  is  $m_1$  it  $m_2$  iu  $m_1$  iv  $m_2$  iw  $m_1$  ix  $m_2$  iy  $m_1$  iz  $m_2$  ja  $m_1$  jb  $m_2$  jc  $m_1$  jd  $m_2$  je  $m_1$  jf  $m_2$  jg  $m_1$  jh  $m_2$  ji  $m_1$  jj  $m_2$  jk  $m_1$  jl  $m_2$  jm  $m_1$  jn  $m_2$  jo  $m_1$  jp  $m_2$  jq  $m_1$  jr  $m_2$  js  $m_1$  jt  $m_2$  ju  $m_1$  jv  $m_2$  jw  $m_1$  jx  $m_2$  jy  $m_1$  jz  $m_2$  ka  $m_1$  kb  $m_2$  kc  $m_1$  kd  $m_2$  ke  $m_1$  kf  $m_2$  kg  $m_1$  kh  $m_2$  ki  $m_1$  kj  $m_2$  kk  $m_1$  kl  $m_2$  km  $m_1$  kn  $m_2$  ko  $m_1$  kp  $m_2$  kq  $m_1$  kr  $m_2$  ks  $m_1$  kt  $m_2$  ku  $m_1$  kv  $m_2$  kw  $m_1$  kx  $m_2$  ky  $m_1$  kz  $m_2$  la  $m_1$  lb  $m_2$  lc  $m_1$  ld  $m_2$  le  $m_1$  lf  $m_2$  lg  $m_1$  lh  $m_2$  li  $m_1$  lj  $m_2$  lk  $m_1$  ll  $m_2$  lm  $m_1$  ln  $m_2$  lo  $m_1$  lp  $m_2$  lq  $m_1$  lr  $m_2$  ls  $m_1$  lt  $m_2$  lu  $m_1$  lv  $m_2$  lw  $m_1$  lx  $m_2$  ly  $m_1$  lz  $m_2$  ma  $m_1$  mb  $m_2$  mc  $m_1$  md  $m_2$  me  $m_1$  mf  $m_2$  mg  $m_1$  mh  $m_2$  mi  $m_1$  mj  $m_2$  mk  $m_1$  ml  $m_2$  mn  $m_1$  mo  $m_2$  mp  $m_1$  mq  $m_2$  mr  $m_1$  ms  $m_2$  mt  $m_1$  mu  $m_2$  mv  $m_1$  mw  $m_2$  mx  $m_1$  my  $m_2$  mz  $m_2$  na  $m_1$  nb  $m_2$  nc  $m_1$  nd  $m_2$  ne  $m_1$  nf  $m_2$  ng  $m_1$  nh  $m_2$  ni  $m_1$  nj  $m_2$  nk  $m_1$  nl  $m_2$  nm  $m_1$  no  $m_2$  np  $m_1$  np  $m_2$  oq  $m_1$  or  $m_2$  os  $m_1$  ot  $m_2$  ou  $m_1$  ov  $m_2$  ow  $m_1$  ox  $m_2$  oy  $m_1$  oz  $m_2$  pa  $m_1$  pb  $m_2$  pc  $m_1$  pd  $m_2$  pe  $m_1$  pf  $m_2$  pg  $m_1$  ph  $m_2$  pi  $m_1$  pj  $m_2$  pk  $m_1$  pl  $m_2$  pm  $m_1$  pn  $m_2$  po  $m_1$  pp  $m_2$  pq  $m_1$  pr  $m_2$  ps  $m_1$  pt  $m_2$  pu  $m_1$  pv  $m_2$  pw  $m_1$  px  $m_2$  py  $m_1$  pz  $m_2$  qa  $m_1$  qb  $m_2$  qc  $m_1$  qd  $m_2$  qe  $m_1$  qf  $m_2$  qg  $m_1$  qh  $m_2$  qi  $m_1$  qj  $m_2$  qk  $m_1$  ql  $m_2$  qm  $m_1$  qn  $m_2$  qo  $m_1$  qp  $m_2$  qq  $m_1$  qr  $m_2$  qs  $m_1$  qt  $m_2$  qu  $m_1$  qv  $m_2$  qw  $m_1$  qx  $m_2$  qy  $m_1$  qz  $m_2$  ra  $m_1$  rb  $m_2$  rc  $m_1$  rd  $m_2$  re  $m_1$  rf  $m_2$  rg  $m_1$  rh  $m_2$  ri  $m_1$  rj  $m_2$  rk  $m_1$  rl  $m_2$  rm  $m_1$  rn  $m_2$  ro  $m_1$  rp  $m_2$  rq  $m_1$  rr  $m_2$  rs  $m_1$  rt  $m_2$  ru  $m_1$  rv  $m_2$  rw  $m_1$  rx  $m_2$  ry  $m_1$  rz  $m_2$  sa  $m_1$  sb  $m_2$  sc  $m_1$  sd  $m_2$  se  $m_1$  sf  $m_2$  sg  $m_1$  sh  $m_2$  si  $m_1$  sj  $m_2$  sk  $m_1$  sl  $m_2$  sm  $m_1$  sn  $m_2$  so  $m_1$  sp  $m_2$  sq  $m_1$  sr  $m_2$  ss  $m_1$  st  $m_2$  su  $m_1$  sv  $m_2$  sw  $m_1$  sx  $m_2$  sy  $m_1$  sz  $m_2$  ta  $m_1$  tb  $m_2$  tc  $m_1$  td  $m_2$  te  $m_1$  tf  $m_2$  tg  $m_1$  th  $m_2$  ti  $m_1$  tj  $m_2$  tk  $m_1$  tl  $m_2$  tm  $m_1$  tn  $m_2$  to  $m_1$  tp  $m_2$  tq  $m_1$  tr  $m_2$  ts  $m_1$  tt  $m_2$  tu  $m_1$  tv  $m_2$  tw  $m_1$  tx  $m_2$  ty  $m_1$  tz  $m_2$  ua  $m_1$  ub  $m_2$  uc  $m_1$  ud  $m_2$  ue  $m_1$  uf  $m_2$  ug  $m_1$  uh  $m_2$  ui  $m_1$  uj  $m_2$  uk  $m_1$  ul  $m_2$  um  $m_1$  un  $m_2$  uo  $m_1$  up  $m_2$  uq  $m_1$  ur  $m_2$  us  $m_1$  ut  $m_2$  uu  $m_1$  uv  $m_2$  uw  $m_1$  ux  $m_2$  uy  $m_1$  uz  $m_2$  va  $m_1$  vb  $m_2$  vc  $m_1$  vd  $m_2$  ve  $m_1$  vf  $m_2$  vg  $m_1$  vh  $m_2$  vi  $m_1$  vj  $m_2$  vk  $m_1$  vl  $m_2$  vm  $m_1$  vn  $m_2$  vo  $m_1$  vp  $m_2$  vq  $m_1$  vr  $m_2$  vs  $m_1$  vt  $m_2$  vu  $m_1$  vv  $m_2$  vw  $m_1$  vx  $m_2$  vy  $m_1$  vz  $m_2$  wa  $m_1$  wb  $m_2$  wc  $m_1$  wd  $m_2$  we  $m_1$  wf  $m_2$  wg  $m_1$  wh  $m_2$  wi  $m_1$  wj  $m_2$  wk  $m_1$  wl  $m_2$  wm  $m_1$  wn  $m_2$  wo  $m_1$  wp  $m_2$  wq  $m_1$  wr  $m_2$  ws  $m_1$  wt  $m_2$  wu  $m_1$  wv  $m_2$  ww  $m_1$  wx  $m_2$  wy  $m_1$  wz  $m_2$  xa  $m_1$  xb  $m_2$  xc  $m_1$  xd  $m_2$  xe  $m_1$  xf  $m_2$  xg