```
(%i1) (1 + 1/(1 + x))/(1 - 1/(1 + y));
                                    1
                                   ----- + 1
                                   x + 1
(%o1)                              ---------
                                         1
                                   1 - -----
                                       y + 1
(%i2) 'sum ('integrate (f(x)^k, x, 0, inf), k, 1, m);
                                  m     inf
                                 ====  /
                                 \     [     k
(%o2)                             >    I    f (x) dx
                                 /     ]
                                 ====  /
                                 k = 1  0
(%i3) 'diff ('product (h[k](x, y, z), k, 1, n), x, 1, y, 1, z, 1);
                                      n
                                  3   =====
                                 d    !   !
(%o3)                          -------- (!   ! h (x, y, z))
                               dx dy dz  !   !  k
                                         k = 1
(%i4) matrix ([a, b, c], [d, e, f], [g, h, i]);
                                  [ a  b  c ]
                                  [         ]
(%o4)                             [ d  e  f ]
                                  [         ]
                                  [ g  h  i ]
(%i5) abs (x^a^b);
                                    ! b!
                                    ! a !
(%o5)                               !x  !
(%i6) 'at (1/(1 + f(x)), x = a);
                                        !
                                    1   !
(%o6)                               --------!
                                    f(x) + 1!
                                            !x = a
```