

$x^a x' x a e x^T M x \bullet x^a - x \sim x^T M x \bullet x a e x^T M x' x^T M x a x^T M x \bullet , x \sim x^T M x \bullet x a e x^T M x j x x a x a e x^T M x x' x^T M x z x^T M$

$x^a x' x a e x^T M x \bullet x^a - x \sim x^T M x \bullet x a e x^T M x' x^T M x a x^T M x \bullet , x \sim x^T M x \bullet x a e x^T M x j x x a x a e x^T M x x' x^T M x z x^T M x i x^T M x f x \bullet x' x^T M x' x \bullet x \textcircled{c}$

:  $x^a x' x a e x^T M x \bullet x^a x \sim x^T M x \bullet x a e x^T M x' x^T M x a x^T M x \bullet x' x \bullet x \text{§} x z x' x \phi x a e x^T M x x^T M x z x \bullet x z x - x^T M x \bullet x a e x^a x^T M x^T M x' x \bullet x^a x \bullet x \text{§} x \sim x$