

```

@Integrator{
  const auto  $\sigma^e$  = sigmaeq( $\sigma$ );
  const auto  $i\sigma^e$  = 1 / (max( $\sigma^e$ , real(1.e-12) * E));
  const auto  $v^p$  = A * pow( $\sigma^e$ , nn);
  const auto  $\partial v^p / \partial \sigma^e$  = nn *  $v^p$  *  $i\sigma^e$ ;
  const auto n = 3 * deviator( $\sigma$ ) * ( $i\sigma^e$  / 2);
  // Implicit system
   $f\varepsilon^{el}$  +=  $\Delta p$  * n;
   $f_p$  -=  $v^p$  *  $\Delta t$ ;
  // jacobian
   $\partial f\varepsilon^{el} / \partial \Delta \varepsilon^{el}$  += 2 *  $\mu$  *  $\theta$  *  $dp$  *  $i\sigma^e$  * ( $M^e$  - ( $n \otimes n$ ));
   $\partial f\varepsilon^{el} / \partial \Delta p$  = n;
   $\partial f_p / \partial \Delta \varepsilon^{el}$  = -2 *  $\mu$  *  $\theta$  *  $\partial v^p / \partial \sigma^e$  *  $\Delta t$  * n;
} // end of @Integrator

```