

Příloha 6: Dynamický modul 1. den (zdroj: Plachý, 2010)

| Vzorek | $E=DMf^2$ | $G=DMBf^2/(1+A)$ | $m=(E/2G)-1$ | $T_1=$ | $E_{pr}=0,9465*ML^3T_1f^2/bt^3$ |
|--------|-----------|------------------|--------------|----------|---------------------------------|
| č.: | [GPa] | [GPa] | | | [GPa] |
| AS1/1 | 4,603 | 1,748 | 0,32 | 1,426634 | 4,432 |
| AS1/2 | 4,831 | 1,809 | 0,34 | 1,427813 | 4,756 |
| AS1/3 | 4,758 | 1,771 | 0,34 | 1,434172 | 4,727 |
| BS1/1 | 4,201 | 1,473 | 0,43 | 1,446627 | 4,249 |
| BS1/2 | 4,138 | 1,528 | 0,35 | 1,431503 | 3,983 |
| BS1/3 | 4,366 | 1,572 | 0,39 | 1,427374 | 4,246 |
| CS1/1 | 4,337 | 1,561 | 0,39 | 1,443002 | 4,214 |
| CS1/2 | 4,369 | 1,660 | 0,32 | 1,425904 | 4,355 |
| CS1/3 | 4,245 | 1,603 | 0,32 | 1,426095 | 4,338 |
| DS1/1 | 4,705 | 1,831 | 0,28 | 1,418047 | 4,586 |
| DS1/2 | 4,788 | 1,835 | 0,30 | 1,421513 | 4,851 |
| DS1/3 | 4,871 | 1,943 | 0,25 | 1,410055 | 4,940 |
| ES1/1 | 7,165 | 2,774 | 0,29 | 1,410911 | 7,224 |
| ES1/2 | 7,139 | 2,847 | 0,25 | 1,402084 | 7,239 |
| ES1/3 | 7,124 | 2,851 | 0,25 | 1,399759 | 7,253 |
| AV1/1 | 4,509 | 1,655 | 0,36 | 1,449813 | 4,351 |
| AV1/2 | 4,338 | 1,417 | 0,53 | 1,486872 | 4,544 |
| AV1/3 | 4,283 | 1,632 | 0,31 | 1,437047 | 4,037 |
| BV1/1 | 4,298 | 1,465 | 0,47 | 1,477148 | 4,262 |
| BV1/2 | 4,542 | 1,690 | 0,34 | 1,438809 | 4,546 |
| BV1/3 | 4,366 | 1,633 | 0,34 | 1,440055 | 4,539 |
| CV1/1 | 4,351 | 1,635 | 0,33 | 1,405715 | 4,280 |
| CV1/2 | 4,312 | 1,644 | 0,31 | 1,407146 | 4,147 |
| CV1/3 | 4,323 | 1,653 | 0,31 | 1,405252 | 4,258 |
| DV1/1 | 4,939 | 1,988 | 0,24 | 1,420695 | 5,043 |
| DV1/2 | 4,982 | 1,943 | 0,28 | 1,426143 | 4,987 |
| DV1/3 | 5,105 | 2,007 | 0,27 | 1,423002 | 5,130 |
| EV1/1 | 9,044 | 3,638 | 0,24 | 1,40066 | 9,135 |
| EV1/2 | 8,970 | 3,626 | 0,24 | 1,402052 | 8,869 |
| EV1/3 | 9,287 | 3,739 | 0,24 | 1,405356 | 9,148 |