

number of frame → displacement with foreground remove

| | |
|----|----------|
| 1 | 1.01724 |
| 2 | 1.12898 |
| 3 | 0.192291 |
| 4 | 0.001441 |
| 5 | 0.432502 |
| 6 | 0.512605 |
| 7 | 0.782956 |
| 8 | 0.856913 |
| 9 | 1.14444 |
| 10 | 0.822636 |
| 11 | 0.775668 |
| 12 | 0.898852 |
| 13 | 0.842561 |
| 14 | 0.457275 |
| 15 | 0.341957 |
| 16 | 0.145972 |
| 17 | 0.106052 |
| 18 | 0.274211 |
| 19 | 0.201362 |
| 20 | 0.393066 |
| 21 | 0.401129 |
| 22 | 0.53228 |
| 23 | 0.57699 |
| 24 | 0.778366 |
| 25 | 0.819621 |
| 26 | 0.948661 |
| 27 | 1.06456 |
| 28 | 1.22725 |
| 29 | 0.915484 |
| 30 | 1.1091 |
| 31 | 1.19974 |
| 32 | 0.966341 |
| 33 | 1.19508 |
| 34 | 1.16822 |
| 35 | 1.30593 |
| 36 | 1.51089 |
| 37 | 1.26897 |
| 38 | 1.32267 |
| 39 | 1.58538 |
| 40 | 1.50172 |
| 41 | 1.59163 |
| 42 | 1.90361 |
| 43 | 1.86628 |
| 44 | 1.63327 |
| 45 | 1.73623 |
| 46 | 1.79692 |

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| 47 | 1.9501 |
| 48 | 2.08703 |
| 49 | 2.0602 |
| 50 | 2.26508 |
| 51 | 2.35745 |
| 52 | 2.36869 |
| 53 | 2.74595 |
| 54 | 2.81595 |
| 55 | 2.58077 |
| 56 | 2.91721 |
| 57 | 3.06976 |
| 58 | 3.06881 |
| 59 | 3.51543 |
| 60 | 3.4729 |
| 61 | 3.40051 |
| 62 | 3.52503 |
| 63 | 3.79624 |
| 64 | 3.98159 |
| 65 | 4.0956 |
| 66 | 3.70725 |
| 67 | 3.81421 |
| 68 | 3.84162 |
| 69 | 3.95654 |
| 70 | 3.56616 |
| 71 | 3.18921 |
| 72 | 3.12353 |
| 73 | 2.83195 |
| 74 | 3.19765 |
| 75 | 3.69019 |
| 76 | 3.955 |
| 77 | 4.23832 |
| 78 | 4.17008 |
| 79 | 4.12997 |
| 80 | 3.82112 |
| 81 | 3.92588 |
| 82 | 3.46394 |
| 83 | 3.34459 |
| 84 | 3.40963 |
| 85 | 3.36143 |
| 86 | 3.56676 |
| 87 | 3.4289 |
| 88 | 3.61552 |
| 89 | 3.55623 |
| 90 | 3.37053 |
| 91 | 3.06541 |
| 92 | 3.11684 |
| 93 | 3.08458 |

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| 94 | 2.95009 |
| 95 | 2.65299 |
| 96 | 2.45739 |
| 97 | 2.15489 |
| 98 | 1.9669 |
| 99 | 1.79839 |
| 100 | 1.84427 |
| 101 | 1.5402 |
| 102 | 1.52341 |
| 103 | 1.64469 |
| 104 | 1.31195 |
| 105 | 1.30986 |
| 106 | 1.48101 |
| 107 | 1.55959 |
| 108 | 1.26005 |
| 109 | 1.11382 |
| 110 | 1.23267 |
| 111 | 1.32282 |
| 112 | 1.43711 |
| 113 | 1.13159 |
| 114 | 1.13012 |
| 115 | 1.38808 |
| 116 | 1.2798 |
| 117 | 1.50399 |
| 118 | 1.56538 |
| 119 | 1.87838 |
| 120 | 1.92549 |
| 121 | 1.9686 |
| 122 | 3.24905 |
| 123 | 4.47447 |
| 124 | 4.86415 |
| 125 | 4.72019 |
| 126 | 4.21586 |
| 127 | 3.72399 |
| 128 | 3.32315 |
| 129 | 3.08032 |
| 130 | 3.00977 |
| 131 | 2.81614 |
| 132 | 3.03421 |
| 133 | 2.86005 |
| 134 | 2.74721 |
| 135 | 3.03985 |
| 136 | 3.5553 |
| 137 | 3.10325 |
| 138 | 2.43675 |
| 139 | 2.95253 |
| 140 | 2.48771 |

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| 141 | 2.14638 |
| 142 | 1.88744 |
| 143 | 1.64813 |
| 144 | 1.3307 |
| 145 | 1.05581 |
| 146 | 1.20998 |
| 147 | 1.22416 |
| 148 | 1.45766 |
| 149 | 1.40254 |
| 150 | 1.49822 |
| 151 | 1.32988 |
| 152 | 1.31218 |
| 153 | 1.46666 |
| 154 | 1.39393 |
| 155 | 1.90743 |
| 156 | 1.69167 |
| 157 | 2.10446 |
| 158 | 2.24281 |
| 159 | 2.39873 |
| 160 | 2.01883 |
| 161 | 2.27378 |
| 162 | 2.43165 |
| 163 | 3.08272 |
| 164 | 3.79543 |
| 165 | 4.23811 |
| 166 | 3.57715 |
| 167 | 3.44056 |
| 168 | 3.00884 |
| 169 | 2.70724 |
| 170 | 1.93846 |
| 171 | 1.88577 |
| 172 | 1.69493 |
| 173 | 1.77977 |
| 174 | 2.08945 |
| 175 | 2.75478 |
| 176 | 2.58174 |
| 177 | 2.76125 |
| 178 | 2.69076 |
| 179 | 2.5308 |
| 180 | 2.24031 |
| 181 | 2.5524 |
| 182 | 2.46424 |
| 183 | 2.64277 |
| 184 | 2.55578 |
| 185 | 2.51741 |
| 186 | 2.13483 |
| 187 | 2.03899 |

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| 188 | 2.20944 |
| 189 | 1.78267 |
| 190 | 1.90393 |
| 191 | 1.77667 |
| 192 | 1.82499 |
| 193 | 1.51509 |
| 194 | 1.64719 |
| 195 | 1.65096 |
| 196 | 1.99234 |
| 197 | 2.01579 |
| 198 | 1.69485 |
| 199 | 1.26983 |
| 200 | 1.52838 |
| 201 | 1.61967 |
| 202 | 1.41513 |
| 203 | 1.31363 |
| 204 | 1.44519 |
| 205 | 1.54132 |
| 206 | 1.62946 |
| 207 | 2.08754 |
| 208 | 1.93079 |
| 209 | 1.66456 |
| 210 | 1.7672 |
| 211 | 1.79358 |
| 212 | 1.90652 |
| 213 | 1.59289 |
| 214 | 1.45617 |
| 215 | 2.04198 |
| 216 | 2.72802 |
| 217 | 2.61372 |
| 218 | 2.83057 |
| 219 | 2.59385 |
| 220 | 2.61888 |
| 221 | 2.52746 |
| 222 | 2.14422 |
| 223 | 2.24833 |
| 224 | 2.12763 |
| 225 | 1.58574 |
| 226 | 2.39739 |
| 227 | 1.43681 |
| 228 | 2.053 |
| 229 | 2.44042 |
| 230 | 2.41055 |
| 231 | 2.24761 |
| 232 | 1.83092 |
| 233 | 1.77201 |
| 234 | 1.74213 |

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| 235 | 2.58396 |
| 236 | 2.56981 |
| 237 | 2.54025 |
| 238 | 1.6605 |
| 239 | 2.23214 |
| 240 | 2.28673 |
| 241 | 2.33166 |
| 242 | 2.20158 |
| 243 | 2.13709 |
| 244 | 2.42977 |
| 245 | 2.59607 |
| 246 | 2.43147 |
| 247 | 2.27619 |
| 248 | 1.61345 |
| 249 | 1.57429 |
| 250 | 1.81297 |
| 251 | 2.09192 |
| 252 | 1.73205 |
| 253 | 1.85847 |
| 254 | 1.35352 |
| 255 | 1.84604 |
| 256 | 1.78395 |
| 257 | 1.80545 |
| 258 | 1.7782 |
| 259 | 1.93442 |
| 260 | 1.71243 |
| 261 | 1.78599 |
| 262 | 1.51498 |
| 263 | 1.35216 |
| 264 | 1.47268 |
| 265 | 1.26732 |
| 266 | 1.28768 |
| 267 | 1.43227 |
| 268 | 1.57742 |
| 269 | 1.66929 |
| 270 | 1.45539 |
| 271 | 1.64923 |
| 272 | 1.89498 |
| 273 | 1.64075 |
| 274 | 2.10853 |
| 275 | 2.16314 |
| 276 | 2.11895 |
| 277 | 2.33354 |
| 278 | 2.31024 |
| 279 | 2.13579 |
| 280 | 1.89692 |
| 281 | 1.91148 |

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| 282 | 2.14036 |
| 283 | 2.77447 |
| 284 | 2.3929 |
| 285 | 2.55927 |
| 286 | 2.55956 |
| 287 | 2.36364 |
| 288 | 1.93077 |
| 289 | 2.61697 |
| 290 | 2.90371 |
| 291 | 3.47782 |
| 292 | 3.66814 |
| 293 | 3.3895 |
| 294 | 3.36406 |
| 295 | 3.52671 |
| 296 | 3.39442 |
| 297 | 3.34863 |
| 298 | 3.47884 |
| 299 | 3.46913 |
| 300 | 3.22701 |
| 301 | 3.7829 |
| 302 | 3.35963 |
| 303 | 3.57581 |
| 304 | 3.53109 |
| 305 | 3.83637 |
| 306 | 3.2696 |
| 307 | 3.03268 |
| 308 | 3.50009 |
| 309 | 3.10437 |
| 310 | 3.16271 |
| 311 | 3.0449 |
| 312 | 3.30285 |
| 313 | 3.24625 |
| 314 | 2.72348 |
| 315 | 2.59601 |
| 316 | 2.57475 |
| 317 | 2.95725 |
| 318 | 3.31385 |
| 319 | 3.30964 |
| 320 | 3.46672 |
| 321 | 3.40964 |
| 322 | 2.75386 |
| 323 | 2.17556 |
| 324 | 1.83409 |
| 325 | 1.7711 |
| 326 | 1.27675 |
| 327 | 0.822508 |
| 328 | 1.01762 |

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| 329 | 1.163 |
| 330 | 1.25929 |
| 331 | 1.70825 |
| 332 | 2.03643 |
| 333 | 1.68283 |
| 334 | 2.04729 |
| 335 | 2.08133 |
| 336 | 1.62342 |
| 337 | 1.10398 |
| 338 | 1.76012 |
| 339 | 2.09042 |
| 340 | 1.87023 |
| 341 | 2.21691 |
| 342 | 1.83347 |
| 343 | 1.97227 |
| 344 | 1.3895 |
| 345 | 1.25494 |
| 346 | 0.767089 |
| 347 | 0.756109 |
| 348 | 0.376706 |
| 349 | 0.344058 |
| 350 | 0.446409 |
| 351 | 1.30267 |
| 352 | 0.974013 |
| 353 | 0.546615 |
| 354 | 0.452329 |
| 355 | 0.858411 |
| 356 | 0.447602 |
| 357 | 0.412716 |
| 358 | 1.05377 |
| 359 | 1.09475 |
| 360 | 0.803999 |
| 361 | 0.673655 |
| 362 | 0.839954 |
| 363 | 1.13411 |
| 364 | 0.977341 |
| 365 | 0.87667 |
| 366 | 0.70801 |
| 367 | 0.870797 |
| 368 | 0.994604 |
| 369 | 1.64163 |
| 370 | 2.2348 |
| 371 | 4.36726 |
| 372 | 3.69049 |
| 373 | 3.02707 |
| 374 | 2.92008 |
| 375 | 1.35936 |

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| 376 | 2.06889 |
| 377 | 3.19395 |
| 378 | 3.42173 |
| 379 | 2.76889 |
| 380 | 2.90909 |
| 381 | 2.52388 |
| 382 | 2.58615 |
| 383 | 1.85756 |
| 384 | 2.1459 |
| 385 | 1.6338 |
| 386 | 1.2817 |
| 387 | 1.00319 |
| 388 | 0.673988 |
| 389 | 0.487041 |
| 390 | 0.856604 |
| 391 | 0.97559 |
| 392 | 1.4081 |
| 393 | 1.78179 |
| 394 | 2.09683 |
| 395 | 2.77556 |
| 396 | 3.07048 |
| 397 | 3.38789 |
| 398 | 3.37128 |
| 399 | 2.2895 |
| 400 | 1.85901 |
| 401 | 0.570984 |
| 402 | 0.828506 |
| 403 | 0.943952 |
| 404 | 1.12204 |
| 405 | 1.07623 |
| 406 | 1.18429 |
| 407 | 0.434737 |
| 408 | 0.799251 |
| 409 | 0.361695 |
| 410 | 0.870947 |
| 411 | 0.928627 |
| 412 | 0.941345 |
| 413 | 0.866251 |
| 414 | 0.768424 |
| 415 | 0.38673 |
| 416 | 1.06312 |
| 417 | 0.480837 |
| 418 | 0.295204 |
| 419 | 0.462715 |
| 420 | 0.454336 |
| 421 | 0.195592 |
| 422 | 0.380663 |

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| 423 | 0.480039 |
| 424 | 0.472227 |
| 425 | 0.543946 |
| 426 | 0.234175 |
| 427 | 0.378578 |
| 428 | 0.24965 |
| 429 | 0.312723 |
| 430 | 0.425567 |
| 431 | 0.414607 |
| 432 | 0.465644 |
| 433 | 0.656258 |
| 434 | 0.450018 |
| 435 | 0.650448 |
| 436 | 0.823266 |
| 437 | 0.79897 |
| 438 | 0.959211 |
| 439 | 0.913213 |
| 440 | 0.7535 |
| 441 | 0.708463 |
| 442 | 0.864987 |
| 443 | 1.04367 |
| 444 | 1.28072 |
| 445 | 0.775356 |
| 446 | 1.18304 |
| 447 | 1.38618 |
| 448 | 1.56798 |
| 449 | 1.09176 |
| 450 | 0.359624 |
| 451 | 0.841221 |
| 452 | 0.842502 |
| 453 | 0.99652 |
| 454 | 0.440437 |
| 455 | 0.435671 |
| 456 | 0.194831 |
| 457 | 0.10042 |
| 458 | 0.147954 |
| 459 | 0.122433 |
| 460 | 0.00491 |
| 461 | 0.049549 |
| 462 | 0.101703 |
| 463 | 0.183748 |
| 464 | 0.320216 |
| 465 | 0.731414 |
| 466 | 0.82444 |
| 467 | 1.58151 |
| 468 | 2.12026 |
| 469 | 1.85977 |

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|------|----------|
| 470 | 1.36089 |
| 471 | 1.75527 |
| 472 | 1.95283 |
| 473 | 1.20517 |
| 474 | 1.63802 |
| 475 | 0.878459 |
| 476 | 1.17241 |
| AMDE | 1.90104 |